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SEQUENCE LISTING

<110> Williams, Lewis T.
Escobedo, Jaime
Innis, Michael A.
Garcia, Pablo Dominiguez
Sudduth-Klinger, Julie
Reinhard, Christoph
Giese, Klaus
Randazzo, Filippo
Kennedy, Giulia C.
Pot, David
Kassam, Altaf
Lamson, George
Drmanac, Radoje
Crkvenjakov, Radomir
Dickson, Mark
Drmanac, Snezana
Labat, Ivan
Leshkowitz, Dena
Kita, David
Garcia, Veronica
Jones, Lee William
Stache-Crain, Birgit

<120> Human Genes and Gene Expression
Products

<130> 2300-1492

<140> Unassigned
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<150> 60/102,180
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<151> 1998-10-27

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atgttcctgg	ggttactgta	aatgggaagg	acaggcagag	ctaaacaagg	tttatcattt	180
aaaagtgcct	gtgtgaagtc	acttttgctg	gaaaactgca	gcttggggagc	tttctttgta	240
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tcagagagca	aaacaaggcc	ctgtgagtca	ctgggagcca	gattttggat	caaaataaat	300
cactttctga	caagtgtagt	tgtctagtaa	tggaatgagg	cagtcttctt	aggaagtaat	360
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gtttattttct	gtaaccaggt	acggggcgaa	ggcgtggaaa	atatccaga	ccgactcaga	360
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gaggtggagg	ttgcagtgag	ccgagatcat	gctgctgcac	tccagcctgg	gtgacagagt	180
aagactccgt	cttgggagaa	aaaaaaaaaa	anggaagggg	naatnnaat	nccanttttt	240
tnntnttaaa	tttaanaaan	ttaaaaatgg	nttttttaaa	tnntnnnaaa	ngtttgnaaa	300
tganccataa	nnanncggtt	ngcaaacngg	ccnnggtttt	tnntncant	nggagancag	360
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agctgctcag gaggctgaag tgggaggatc ctttgaaccc aagagtttga ggctgcagca      180
agccatgatc acaccactgc actccagcct ggggtgacaga gtaagaccct gtctcaaact      240
ttttttaaaa tgaaagaatc caaccttttt ttactctgac ctgcgagagt gcagaggggtc      300
tggggaacat ttgcagaagc aacagggtacc agccagtgtc ggaaggagct caccctggga      360
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<212> DNA
<213> Homo sapiens

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tgcacacctg tagtcctagc tacttgggag gctgaggcag gaggatccct tgagtccagg      180
aggttgaggg tgcagtgagc tgtgattgtg ccactgtttt ccagcctggg caatacagtg      240
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ttagctgatg atgggagAAC cagttactac cttctctaac acaggctcca tcctatctct      360
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caacagtgtg cgcagttttg gggctacagt agggctgagg ccgcacgcca gttccatttc      180
acagggttcc tgtttcctag taactgcttc tactcgagcc ttcctcagga aagcccacaa      240
tagcaattga gagtaaaatg atttgaaaac gtgggtgtgc tgctgctggg actccaccct      300
cagtaacgat caggcattgt tctgtcttcc ttgctcaggg ggggcacact tcaagagatt      360
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<223> n = A,T,C or G

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gactaaagac ccatntggag gcaaatatta agttgccagg actgctttca cttcagggtg      180
attgaaggnc acatattgaa gtacctagaa tgccagaaag tgttntnttg cccanaaaaa      240
aaatcagaaa agcctattct tttttgcaac nctgttaatg attactggag ttctgaaaaa      300
atactttgtg ccnccttgga agactntgaa acncgnnttc cntgggattt tgctgtaaat      360
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<210> 9
<211> 392
<212> DNA

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<213> Homo sapiens

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ttacaggcaa	taactttatg	tctccctcc	cttatctctg	ggcaaacctt	gtttattctc	180
tactaacttg	gttgtaatct	gttcatcaaa	gtagaccctt	gaatttggtta	ttctccaggc	240
tgctgggaca	cgttggagtg	gccttagaag	gctgcaaaat	ggactgatgg	tttctgcctt	300
ccactgacgt	cccaatacga	cttcctaata	ctagggctcc	agttcctgat	accagaatta	360
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<213> Homo sapiens

<400> 10

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ttaacgaggt	ccacagaggt	tctgcgattg	tctaagaaag	aaggctgtgt	tcatggcctt	180
tgttgtttac	gtggccctgt	gattctcttg	gctccgtgaa	agtctctgat	cagacattcc	240
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<210> 11

<211> 401

<212> DNA

<213> Homo sapiens

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<222> (1)...(401)

<223> n = A,T,C or G

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ctccattcag	gctctgaagg	atgaattcta	tgggttgcca	gggatgccag	gggtgatggg	180
ggtggttgac	tgtatccatg	tggccatcaa	ggcaccacat	gctgaagacc	tctcctatgt	240
gaaccgaata	ggcctgcatt	ctataaactg	ctgatggtgt	gcgacattag	agggacacta	300
ntgaccgtng	agacanactg	tcccgnanc	ctanatgact	gngctgtgct	gcagcagnct	360
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<212> DNA

<213> Homo sapiens

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ttccatctgt	ctggttatgt	caagttaatt	cagaaagaga	agagacagtg	accaaccctg	180
agaggcctaa	tagggcagag	atggaggcct	gccagacta	ggaggcagcg	gggatagaca	240
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ttggaccaga	agaggcacta	ccattttaag	gagaggaaaag	agaaaactct	ggggtcaggg	360
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<210> 13

<211> 390

<212> DNA

<213> Homo sapiens

<400> 13

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gcaactcgggg	ctcgggggcg	gggttcgggg	gacacaggcg	ggcctcagtt	ttcccggcgg	180
tgtgaccgga	ggcggagccc	ggggatccat	catagcttct	gtaataacgc	taagtgtctc	240
agtttgttga	ggctctttccc	agctcctctt	ccttctcgta	acagcccagg	aaatcggtcc	300
ctctagttat	ttacgtttta	cagtgggtta	aactgagtc	tagcctgtgc	tctggccctc	360
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<210> 14

<211> 400

<212> DNA

<213> Homo sapiens

<400> 14

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ttatttcaca	aagttactgg	gttccccaga	atcaaccaag	cttcaaactc	ttcctgtctc	180
cagaataaca	gatctgttac	ccaatattac	aagaaatgga	gcgtttataa	actggaaaga	240
ggctaaactg	acttggagtt	ttttcaaaca	gtctttcttg	aaacagattt	tgacagaagg	300
cgagcgatat	gtgatgacat	ttttgaatgt	attgaacttt	ggtgatcagg	gtgtgtatga	360
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<211> 378

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aataaggcag	ctcggaagga	aagacagctg	attcttaaac	agcaggagga	gatagaaaag	180
atccgacaga	ccaccataaa	actacaggag	aaattgaagt	ctgcagggga	gagtaaattg	240
gactctcata	gtgatgatga	tacaaaggat	aataaggcaa	ccagtcctgg	tccaactgac	300
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<210> 16

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<212> DNA

<213> Homo sapiens

<400> 16

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cagccaagtt	cttaggggtc	cgtaagcgct	gcatccccag	gagcctctgc	ctcagtgagt	180
gtcctctgga	gcccccaagc	ctcacccgcc	tctgtgccac	tctgaaggac	tgccccggac	240
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<212> DNA

<213> Homo sapiens

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gaagtccaag	ctgagaagcc	tgaggctgtg	acgtcagcct	gctcggcaag	aagctggggc	300
tgccgcaggg	ttgccaggag	atagatggct	ttgcatacta	ttaaaatatt	tttgccctgtc	360
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<211> 415

<212> DNA

<213> Homo sapiens

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agaatggaac	aaggcagtg	ccttctgtga	gtctcaaaag	agggtgacta	tgttgacggc	360
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<210> 20

<211> 415

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<213> Homo sapiens

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 agacaacaca ccttcctgat ggaggtgtcc ggtaagtttc caagcagtgc cgtctctgca 180
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<210> 22
 <211> 403
 <212> DNA
 <213> Homo sapiens

<400> 22
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 aacagtaggg gcaggagaa gacagggtct aagaaaagg ttttaagaag tttcatcccc 180
 agttaagcag agtccatcct tgacttaaat cccttattac agcacaactg tgtatctaata 240
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<210> 23
 <211> 403
 <212> DNA
 <213> Homo sapiens

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 ttataaaact ttagattttt aagaatattg gccaggcacg gtgggtcaca cctgtaatcc 180
 cagcacgttg ggaggccaag gcgggtggat cacctgagat cgggagttca agaccagcct 240
 ggccaacatg gtgaaacccc gtctctacaa aagaaaaaaa tacaaaaatt agctgggtgt 300
 tgtggtgtat gcctgtaatc ccaactattt ggggtggtga ggcacgagaa tcgcttgagc 360
 ttggagggcg gaggttgtag tgagctgaga tcgtgccact gca 403

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 <211> 396
 <212> DNA
 <213> Homo sapiens

<400> 24
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 acttggtaat gtttataact gttgtaaaaa gcatgtgaca aggccaggca cgggtggctca 180
 tgacctgaat ccagcactc tgggaggccg aggcgggtgg atcacctgag gtcaggagtt 240
 cgagaccagt ctggccaata tgggtgaaacc ccgtctctac taaaaataca aaaatttagct 300
 ggggtggtagg gtgggcgcct gtaatcccag ctacttggga ggctgaggca ggagaatcgc 360
 ttgaaccccc gagggggagt ttgcagttag ctgaaa 396

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 <213> Homo sapiens

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 tgactagaga cccatctgga ggcaaatatt aagttgccag gactgctttc acttcagggg 180
 gattgaagga cacatattga agtacctaga atgccagaaa gtgttctatt gcccaaaaaa 240
 caaatcagaa aagcctattc ttttttgcaa cgctgttaat gattagtggg gttctgaaat 300
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 catccgctgg actgaagttt accttgatgt tagctataag aaatag 406

<210> 26
 <211> 392
 <212> DNA
 <213> Homo sapiens

<400> 26
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 taagaatcac ttgaggcttg gttataatat aggttctggg ccctccccag acctgctaac 180
 tccatcacca gggaaggggc cctgaaatct gatgactggt atgatcaggc aagtttaaga 240
 cattatactc tactgtatag cctccttttg ttttaaggctc tgattctcaa ggctttccat 300
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 ggcggagaaa gcagaggagg accggcgggc caagctttcc tagcctgaca gcagccattt 60
 cggaacgtac gtcccagccc tcttttagcta cttagcgcct ctgggcccga gaacacctgc 120
 tccttggtc agtctggcgc caccggcacc acggaactgt acttcccaga gacgtcacac 180
 cgggagactt ccgattcccc ctcttgagat tggactctca cgtgcaggag ccagtcctcg 240
 ctgggctcta gcgggcttct gatggaggag ctactcctct gggaggacag aaattagcag 300
 cagcctctgt caccatccaa agattacaac ccatgaaacc attgaatttg tgccttgtat 360
 cagaaagcaa aggagaatga aaaagcacag ctaacattgc tt 402

<210> 28
 <211> 389
 <212> DNA
 <213> Homo sapiens

<400> 28
 catggccaat ttttttatta gaaaatatgt gacaaaaaga ttctatagag taaaaaatca 60
 aagcaaaaaca aaaaccacaa aaagaccctt gtactataga aaatgtaaag ttggctgaac 120
 agatagggtc ttgaaatttc aggaaacata taatctcacg gttcttaaag attgtcactg 180
 tagacatctg agtaattaat tttcagttag taacaggctt atagaaactt tgggattatt 240
 tacaaatggg ttaggaaaga ataaggtata gtaaaagtaa tatcctggag aattctgggc 300
 cacctaccca ccataatcaa ttcagctgta ctactgaagt attgtaaaat ctgatctcta 360
 gagggaaaata cagtattcta ccttacgtt 389

<210> 29
 <211> 395
 <212> DNA

<213> Homo sapiens

<400> 29

gaggatatttt	aggggtacag	aatcccacgg	tgtgagttgc	agaagggccc	gagcatctgt	60
ctggtggcac	cttctcagga	ggaacctcac	tgaccggcat	gggtgaaccg	ttcagctagg	120
gtcttgggga	aagtcaggca	tctctggagc	ctccgatgtt	gaggataggg	taagagcagc	180
attgttctct	ggggcccttt	ttccttagta	acacacactc	acccggagcc	agttgtgcct	240
tcttgcaaac	aaacagcttt	caagaagagt	taataaatta	atcttctggg	aaaaagaatc	300
tgctctgcgc	cagcaagacc	tctagcagcc	agggccagag	acttgggcaa	tgtagtcaaa	360
acacacgctg	atcactgtgt	gttactgctg	acgag			395

<210> 30

<211> 402

<212> DNA

<213> Homo sapiens

<400> 30

cctcagcaag	ggcgcggtct	ggtactcgtg	cgtcttttat	cgcctcagtt	tccctccgcc	60
gactagcgcg	cggggcccgg	ttctccatcg	cgcgcacggg	agcctagcgc	aatgaggcgg	120
gcagcactgc	ggctttgtgc	cttggggcaa	gggcagctta	ctcctggaag	aggactgact	180
caaggacccc	agaaccccaa	gaaacaggga	atcttccaca	ttcatgaagt	tcgagataag	240
ttgcggggag	tagtaggagc	atccacaaac	tggagagacc	atgtgaaggc	aatggaagaa	300
aggaaattac	ttcatagttt	cttgggctaa	tcacaggatg	gactgcctcc	taggagaatg	360
aaggacagtt	atattgaagt	tctcttgctt	tgggcagtga	gc		402

<210> 31

<211> 405

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(405)

<223> n = A,T,C or G

<400> 31

agacagtctt	taaagcaggg	gagcagggtta	atggataatt	tcttgatcag	agaaatgagt	60
ggttctacat	cagagttggt	gataaaaagaa	aataaaagca	aattcagccc	tcaaaaagag	120
gcgagccctg	ctgcaaagac	caaagagaca	cgttctgtag	aagagatcgc	tccagatccc	180
tcagaggcta	agcgtcctga	gccaccctcg	acatccactt	tgaaacaagt	tactaaagtg	240
gattgtcctg	tttgcggggt	taacattcca	gaaagtcaca	ttaataagca	tttagacagc	300
tgtttatcac	gcgaagagaa	gaaggaaagc	ctcanaagtt	ctgttcacaa	aaggaagccg	360
ctgnccanaa	ctgtatataa	tttgctctct	gacgtgatta	aaaga		405

<210> 32

<211> 391

<212> DNA

<213> Homo sapiens

<400> 32

ctacaacaag	aaatgcaacg	cttgtcactt	cagcaggaga	tgtaaatgca	gatgagagag	60
caacaatctt	gggtgatttc	acctccacaa	ccctctccac	agaaacagat	tcgagatttt	120
aagccttcta	agcaggcagg	cctgtcatca	gccattgcac	cattctcctc	agactcccct	180
cgtcctactc	acccatctcc	acagtcttct	aacaggaaaa	gtgcatcttt	ttctgttaaa	240
agtcaaagga	ctcctaggcc	aaatgagttt	aaaataacac	ctttgaatcg	aaccttgaca	300
cctcctcggt	ctgtggatag	ccttcctcgg	ttaaggaggt	tttcaccaag	tcaagttcct	360
attcaaacta	ggtcatttgt	atgttttggt	g			391

<210> 33

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<211> 422
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(422)
<223> n = A,T,C or G

<400> 33
gcatgttcgc aatgtatgag gaaggtgggg ctctggggct tccagcagat tgaatcgtcc      60
atgactgacc tggatgcatc ctttggcctg accagctccc caatcccagg ccttgagggg      120
cgaccagagc gcttacctct ggtgcctgaa tctcctcgga ggatgatgac ccggagccag      180
gatgccactt tctccccagg ctccagagcag gctgaaaaga gccctgggtcc cattgtctct      240
cgaactcgga gctgggactc ttccagtcct gttgaccatc ctgagccaga ggctgctagc      300
cccaccacca gaactcgccc agtgacccga agcatgggaa caggagacac ccctggcctg      360
gaggtaccat ctagccctct gcggaaagcc aagcgagcng cctctgttct tcacaattcg      420
ga                                                                422

<210> 34
<211> 402
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(402)
<223> n = A,T,C or G

<400> 34
cactcctcct ccatgcccag ggaccgcggg tgcttggggc cccgacgcgt acccaggtgc      60
catctggccc tcacctcccg ccgtagctgg ctgtgacgcc cgccatgggc acactggggc      120
agtgcagtga gaagacgagg atgcccagca ggctgacaac ggtgcagaac aggcagaact      180
tgatgaccgc ggagccccgg agcctgagct tgttcacaaa gaagccgccc aggaaggtgc      240
cgccaccacc cgctggcacc accagtgtcg ctgacttgaa cccctgcgtc tgcagcttag      300
tgacatcctg taaacctaca ctttccagcc tctcaccaga gcagactgtc ggcctacatc      360
ccccacctg caggagggcg gntctttctn tnggccacac ct                                                                402

<210> 35
<211> 368
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(368)
<223> n = A,T,C or G

<400> 35
gtgggcgcct gtaatcccag ccactccaga ggctgaggca ggagaatcgc ttgaacctgc      60
gaggcagaga ttgcagtgag ccaagatcaa gccattgtac tccagcctgg acaacaagag      120
cgaaactctg tctaanaaat ntcttgtntc cncncccaaa aaaaggtttt cactcctnna      180
aaacnaannc atnntaacc c aagnngaat ntngntggg acncttntgc aaaaaactgt      240
atctgtcttt antaaatatt nnnctnntnc tttaaaaanc nttnanataa ntngtnccca      300
aactntntnt gggnattatn tttttaanat ttttngnnc nacantnnt tnnttcaann      360
aaatnttt                                                                368

<210> 36
<211> 383

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<212> DNA
<213> Homo sapiens

<400> 36
tgttttcctg actggaactc agtgctgaaa cgggcctcac agttgctcat cgtcagggat 60
acagaggatc caacgaggat gaagtacaca aggattgtca acctgtgggg gatgactggc 120
cgcacagccc catgaagacc acctgggcag ctctctctctc aggccttctg acttgaagaa 180
tggccagctc ctgtgggggtc aatacaagaa taacttatgt gcacagaaaag aatatttaca 240
attacttgag cttaaattta tgtaattaaa tttattataa ttataaattt aaaaacataa 300
ttttcttttt ctttttcttt ttttgagaca gggctcact ttgtagcccc tgctggaatg 360
caggggacgg tctcggtct cgc 383

<210> 37
<211> 396
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 37
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gcccagcctc tccgccagcc agtggagggc tcaccgagga gcccctgggg cccatggagg 120
gggagcttcc aggagaggcc tgcacactca ctgcccatga aggaagaggg ggcaagtgtg 180
ccgaggaagg ggatgcctca cagcaagagg gctgcacctt aggttctgac cccatctgcc 240
tcagtgaag ccaggtttct gaggaacang aaganatggg agggcaaagc anctcggnc 300
aggncacgga cagtgtnaat gcagaggaga tcaaggtagn ccgtattcat nantntcant 360
gggttggtgg aggatgntcc anaacccaat gnactg 396

<210> 38
<211> 344
<212> DNA
<213> Homo sapiens

<400> 38
atctcagtg tttccctttt tgaacttccc ttctattaaa cttaaaacag atgtcttaat 60
taatcaggct gtcttggaag ggtattgtat tgggagacaa ggggcggtgg tggacctcac 120
cttcaatcca agtttttcaa gatattttct caataactct aaaaggagg tgcttgggat 180
taaggtgaca gtccacttga tccctttctt tgttttagtg tgaatttcag cagctccatc 240
tgtcttcattg attgtacttg agcagtatta gctgtatgag ttaattttat tcagattgaa 300
gatggagggc tgggttctgc tcaactcagtc tttttttttt tttt 344

<210> 39
<211> 378
<212> DNA
<213> Homo sapiens

<400> 39
ctctctgtc cagaggtctt caacaggaag atgccagctg gcaccactgc actgtgatgg 60
gggcccctctc ctctgctgac tctgccgttt ctccaggcct ccgctcagtg atgagaccaa 120
gagatcggag acaagcatgg tgctgctgct tctgctgctt ctccagaaaa tccctgggac 180
acctttgttc cagcctgggt tccctgggctg ggctcaggaa agctgccaaa ttcagtccta 240
tggtgggtcc aagctgcccc tgtgctgttt ctgtcaagcc aggtgtggac attccaagtt 300
catatgcgtg aacaaaagaa aagaggaacc cagtggatgt aacagaaccg actccagttg 360
aatgttttaga tttttgct 378

<210> 40

<211> 385
 <212> DNA
 <213> Homo sapiens

<400> 40
 cgctgctggc ctggggcttc ccagccgtct tggcgttgct ctctccaacc cccgccgctc 60
 cgcgtagaac gccgctctca ggctgccgtc aagctcccgc ggcaactctcc taggtggccc 120
 gacgagaccc agagtgaccc gcgggacgcc tgtatcgacc gcgtcctctt cccaccagcg 180
 tgggattcgg ttgaacgtgg agtccccagc aatcttcagt ctctcaccag ggccagggac 240
 tcgtctgggg cgcgggggaa agaagcgtgg cggggctgta gatgccgcgt gagtaggatg 300
 cagattgcac cgctggagcg cttgacaacc aaccgagcgt tggcttaatt ttgttttccc 360
 gcacagcaag ctctctgtct ttcaa 385

<210> 41
 <211> 350
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(350)
 <223> n = A,T,C or G

<400> 41
 ctttgaaca agcgaattaa ctatctacgc tgcttgaag gggccactta gggcactgct 60
 agcagggtt caaccaggaa gggatcaacc caggaaggga tgatcaggag aggcttcctt 120
 gaggacataa tgtgtaagag aggtgagaag tgctcccaag cagacacaac agcagcacag 180
 aggtctggag gccacacaaa aagtgatgct cgccctgggc tagcctcagc agacctaaag 240
 catctctact ccctccagag gagccgcccga gattcttgca gtggagagga ggtctttcag 300
 ccncagcang tctggagggc tgataatgaa cctgctanan gttttnacat 350

<210> 42
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 42
 aatttatgac attgtcagaa gataagtgat agatttcata ccttatttaa ttcttacatg 60
 gctgtgcaga agataatgct aagtggatct ctctaaggct acacaggcat tgatgggctc 120
 aagcctaataa ccaaggctctg ctgactccta gactacaata ggtactttta tttccaaaat 180
 gttttcattt tgaattggtt ttagcatgag ttggaccata gaatcttgga agatgagatt 240
 tgcttaagtt cctggaatac catattatgt gaacaactaa cagagggtaa taaaatatat 300

<210> 43
 <211> 420
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(420)
 <223> n = A,T,C or G

<400> 43
 aggatgttca acaggaaagc agtgagcaaa aaaataaatc aacagacaaa ggtgaaaaga 60
 agccagacag caatgagaaa ggagaaagaa agaaagaaaa gaaggaaaag actgaaaaga 120
 aatttgatca ctcaaaaaag agtgaagata cacagaaagt taaagatgaa aaacaagcaa 180
 aggaaaaaga agtagagagt ttaaaacttc cttcagaaaa gaacagtaat aaagctaaaa 240
 ctggtgaagg gacaaaagaa gattttctctt tgatagattc tgatgtggat ggacttacag 300

acatcacagt	tagctctgtt	cataccagtg	acctttcatc	ttttgaagaa	gatactgagg	360
aggaagttgt	aaccgtctga	tacatggaag	aaggagagat	tncgtcngat	gatgaaaaaa	420

<210> 44
 <211> 422
 <212> DNA
 <213> Homo sapiens

<400> 44						
gaccgcgggg	tggttggttc	tagctattgc	catggtagct	ttttatatgg	aaaaaggaac	60
acacagaggt	ttatataaaa	gtattcagaa	gacacttaaa	tttttccaga	catttgcctt	120
gcttgagata	gttcactggt	taattggaat	tgtacctact	tctgtgattg	tgactggggg	180
ccaagtgagt	tcaagaatct	ttatgggtgtg	gctcattact	cacagtataa	aaccaatcca	240
gaatgaagag	agtgtgggtgc	tttttctggt	cgcgtggact	gtgacagaga	tcactcgcta	300
ttccttctac	acattcagcc	ttcttgacca	cttgccatac	ttcattaaat	gggccagata	360
taattttttt	atcatcttat	atcctgttgg	agttgctggt	gaacttctta	caatatacgc	420
tg						422

<210> 45
 <211> 417
 <212> DNA
 <213> Homo sapiens

<400> 45						
ctgcaacctc	ggtctcccg	gttcaagcga	ttctcctgca	tcagcctccc	aaatagctag	60
gattacaggc	gccaccacc	acacctggct	aatttttgag	acagtctcac	tccagtctgg	120
gcgacaaaac	aagactctgt	ctcaaaaaaa	aaagtgtttg	gcattcattg	gctcttaaat	180
ggtacctatt	taagaggctg	tacatgttcc	agtgggatgg	gaagcagcag	agaccaacag	240
agtctgaaga	agcaagcttc	tgagttatga	aagcctgggt	tcaggagact	aacctatatg	300
taggttcccta	ggaaagtcca	gttaaagggc	ctactttgcc	actgctgcct	ccttcttaat	360
gctgaacctc	atctcccaca	agggggcag	ctcagcaggt	gtcagctgag	ccatgtg	417

<210> 46
 <211> 418
 <212> DNA
 <213> Homo sapiens

<400> 46						
gttgtttctg	tcaggaaaat	aaatcttaca	gaacaactgg	tggaattgaa	gctgctgcgc	60
tagacttgga	tattttgggt	agtgaagaag	caatggcaat	cttgagtcta	ttattgtata	120
atttagttaa	agaaaaaaat	aatcgttggt	ggctcacta	agagaatgca	gcttttttga	180
gttgtcacag	aggetgtgtg	tgcctacac	tgaccagggt	ttgtaaaacc	ctttcattct	240
ggtacaagag	tcgggggtat	aacttttata	cttgaatcta	cctaccaagt	ttacatttct	300
caattccttt	ttgtaagggt	ctatttctgt	atttaaataa	ctttctttta	accgtaaagc	360
tgctttctgc	ttatcttatt	gcactgctag	ttgtatgtag	gtattaattt	tattgctg	418

<210> 47
 <211> 414
 <212> DNA
 <213> Homo sapiens

<400> 47						
aagcccactg	cctcctaaat	tgctgggatt	cccaagaatt	cagcttctag	tgtgaccaa	60
acaaagatgg	agacaagtcg	ccctgcagg	tagggcaca	tggagggtgg	gggtggagg	120
cagagctgct	gacctctgac	ctctgccaa	gcagacgc	tggacaacag	agcaggacct	180
gagggtgagg	taattcctcc	aggtgtgaag	aaacacctta	ggggggccag	gcgcagtggc	240
tcacacctgt	aaccccaaca	ttttgggagg	ctgaggcagc	cggatcacct	gagggtcagga	300
gtttgtgacc	aacctggcca	acatggtgaa	accctctact	aaaaatacaa	aatcagttg	360
gtgtggtgtc	aggcgccctgt	aatccacta	ctcgggaggc	tgaggcagga	gaat	414

<210> 48
 <211> 418
 <212> DNA
 <213> Homo sapiens

<400> 48
 agcaaaggca tctcaaagca aatagagatg tctgcaaatt ctcatctctgc agcaaaatct 60
 ttgtgggtgg ggtctcaatc tttctttgtt ctctgaatac catcagccaa cctatacaac 120
 ctttttgcaag gtgttatgaa ttgagccccc actgttatat ccacaaaaaa gaaacaatca 180
 gaccccctag ttgaatttga tgcgtacatt gaagatagtg tggtttcaca ggaacagtac 240
 cttgtaacat tgatagtcct atgatcaggt cttaaaacag ctaaggaaatg ggtgattaca 300
 tgaaaattat tgcaccagga atttgtggaa agcattctga gtaaatacag tgctgttaga 360
 ttaaatggat tttaacattt aatgaaattg ccagattatt tttatgccaa tatttaat 418

<210> 49
 <211> 416
 <212> DNA
 <213> Homo sapiens

<400> 49
 ggtggctggt gttggggcgc tgcaggcggc ggcgactctg cgtccccggc tctgatgga 60
 ggcggggcgc catccccggc cggggcactg ctgcaagcct ggggggcggc tggacatgaa 120
 ccacggcttc gtgcaccata tccgacggaa ccagatcgct cgggacgact atgacaagaa 180
 ggtgaagcag gcggccaagg agaaggtgag gaggcggcac acgcccgcgc cgacgcggcc 240
 ccgcaagcca gacctgcagg tgtacctgcc gcgacaccga gatgtctctg cccaccacg 300
 caaccagac tatgaagagt ccggtgaaag cagcagtagt ggaggctctg agctggagcc 360
 ttctggccat caactcttct gcttagaata cgaggcagac agtggagagg tcacat 416

<210> 50
 <211> 415
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(415)
 <223> n = A,T,C or G

<400> 50
 gaccgcgggg tgggtggttc tagctattgc catggtacgt ttttatatgg aaaaaggaac 60
 acacagaggt ttatataaaa gtattcagaa gacacttaaa tttttccaga catttgcttt 120
 gcttgagata gttcactggt taattggaat tgtacctact tctgtgattg tgactggggg 180
 ccaagtgagt tcaagaatct ttatggtgtg gctcattact cacagtataa aaccaatcca 240
 gaatgaagag agtgtggtgc tttttctggt cgcgtggact gtgacagaga tctctcgcta 300
 ttccttctac acattcagcc ttcttgacca cttgccatac ttcattaaat gggccagata 360
 taattttttt atcatcttat atcctgttgg agttgctggg ngaacttctt acaat 415

<210> 51
 <211> 412
 <212> DNA
 <213> Homo sapiens

<400> 51
 gtcacttatg cctataagcg ggcatacaac aggggcacaa taaatgtttg ttaagtgaat 60
 gaattctttc agaactagat gggatcttag tccaactctc ttatttaacg aggtccacag 120
 aggttctgcg attgtctaag aaagaaggct gtgttcatgg cctttgttgt ttacgtggcc 180
 ctgtgattct cttggctccg tgaaagtccg gatgcagaca ttccggccat ctgaaaggc 240
 atgcagacaa gccatccagc tggcatgatc ctgagtcag ctttctttta aagagcttcc 300
 aaaactgctt aagctttgac tgcacaaaac ctgcatcacc tccagttgag aaactcaaga 360

gaataagtaa gttatggagt tggagacccc agcttaacta ctagtttttaa aa 412

<210> 52
 <211> 409
 <212> DNA
 <213> Homo sapiens

<400> 52
 ggtctgtctc ctccctccac ctccaccatt ccctggttct agctttctta atatcactga 60
 ctttctcata cgtaactgta tcttttggtt ccctcatact gctgcattac agatttggtg 120
 tgtaataatg ttacttgaat caagagaatg tcgaagcaaa tatccaaggg attagaaga 180
 gctaatatgc aaatgaaaga ttttgggtag gcttatatgg aagtcacaaa tgggtcagaa 240
 tgactgagat ctctccttaa gactggcctt tgatagggga tgcaggccag cattcagttg 300
 attcgcagaa gaaaaaccaa ggagttcctt taaactgaac aagaggcagg gctatgtccc 360
 aggtggacag gagggatggg gggatgtttt cttatggaaa tagcaggct 409

<210> 53
 <211> 409
 <212> DNA
 <213> Homo sapiens

<400> 53
 aagttatgaa aacagtgagt tattgtttga tcgtctgtga tcccaatttt cctaggaata 60
 tagactgtta ggaatataga tcctgtcaca agaggcttaa taagtaaagg aaccatgtgg 120
 tttcttggct gttttgcttt tcaaagtctg tatcatttta actagtgtag caatgacagt 180
 ttctttttgt ttcttgataa ccttgctggc tactttgttt cctgataacc ttgttgtcta 240
 ctttgtttcc tgataacctt gttgtctaca ttgtttcctg gttgatttat cctccttctc 300
 cccagcctct ttggaaatct tataactatg gtgtttgtgg ttagaggtta gagtctagta 360
 gaggatggtc aagactttga aggcaaacgc ttgcctgtga gggctgctt 409

<210> 54
 <211> 407
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(407)
 <223> n = A,T,C or G

<400> 54
 ggaaaaactc acccccatga ttcaattacc tccactggg tccctcccat gacacatggg 60
 gattatggga gctgcaattc aagatgaatt aaggtgggga cacagccga aacatatcag 120
 gaggttcctg gaagaaacag agttgaaagc agttatcttg ctgagtgggg gactcagggc 180
 atgggcagga gactgctgag ttttgtttta catcttacta catttgattt ataaaagaca 240
 gatgtgcata tatcacttca aaaaaacaaa actggatgtg gctgatgcca aagtgacctg 300
 cccagaagag ctgctaacag aacancatcc caggaggctg cagaaggctg aanancaaag 360
 cccacctgc tatggccaca agangcctgg atgccatgga ngccgca 407

<210> 55
 <211> 401
 <212> DNA
 <213> Homo sapiens

<400> 55
 gaatttgtaa aagttcgtat gctttgcctc tcaactgcat taacatgcca caggctcaga 60
 ctgtttttgt gtaaaggatg tcaaagaacg gcactttttc taaagagaag tttgatattt 120
 tgtatgcttg ttaagaaagt acagtattgg aaattaaagg tggacaactg ataattgagg 180
 agtatgtcaa ttaatttttt atgtatatta cctgtttact tgtacaactt actgtacaaa 240

ttacatgcag	cttcattttc	aaatgaatcc	ttaaaataag	gaaatctttt	taggaaaaca	300
tttaattttt	gtatttttga	ttttaaaggc	atgagttatg	tcaattttca	gtgtattaat	360
gaagatttta	acttttcatc	aggttgagtg	ttttcttact	a		401

<210> 56
 <211> 401
 <212> DNA
 <213> Homo sapiens

<400> 56						
attctgagtt	ggggcaggct	cagcctgcc	gcttcttcga	tgtccagcat	ctctgcagcc	60
ttgggtgttc	tcattccctc	tgagcccaa	cccctgtcat	tgcttctagc	tctggctctg	120
ggatgtggca	gttccaccat	aagctaggct	acctcttctc	tgctctcctc	tcagtctccc	180
aacctgtctc	tccatccata	tgtaaccct	ttccttcaat	ttatgtatga	ggttggtcga	240
ccttgagagt	tgacatcatt	gatggtaa	aatcaagatg	cccactgacc	tctccacttc	300
agaaaagata	gcacagaaa	gaatccactt	agaggtggaa	ccctctgcc	ccttttctc	360
ttctctctct	cttttttttt	tgagacaggc	tctcgctttg	c		401

<210> 57
 <211> 407
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)..(407)
 <223> n = A,T,C or G

<400> 57						
gttatactag	gaattcttta	taaactta	aatgaaagc	ttttctctt	ataggcccg	60
ttctctagtg	gacttctgg	gaaattatg	ggctacctc	cattaatgtt	aatggagggt	120
atggatataa	atccctccat	agtatggaa	gaatgagcc	cagagagaag	aatgtttcta	180
atgaatcact	ggatttgtat	ataggattaa	cttgggtgtc	ctaataccat	tttttttct	240
cctgaaagtt	taaggtctta	tgtttaggaa	ctagtttctc	tccaccttaa	tcctttattg	300
caagctgcaa	taatgttaag	aacaggaaaa	aaaaaatgta	nattcctgga	taggcncagt	360
ttttatatta	atgnaactat	ttaggctaag	ttttatatta	anggacc		407

<210> 58
 <211> 402
 <212> DNA
 <213> Homo sapiens

<400> 58						
attctataaa	caaaaactct	ttgttaaatt	aaccatgaca	caaattatc	tattgtcttc	60
cccgaatccc	acaacccct	ccaacattta	aaattcatct	ttagatagca	gattatccct	120
taaagtacca	ttttactctc	tgaaaaagtc	ctagaaatac	tactctctgt	caatgcagca	180
gaccgctacc	ttgcaaggaa	aagatggctc	acttacataa	ttatccttag	ttatgtttac	240
aacattgaag	caggcaatat	ctgactttca	ttcctgagtg	aatccagac	cacagcccag	300
ggaggaccaa	gccatggcat	tctgttgctc	cccgtgaac	gtccacacc	atagggtctg	360
gctttggctg	gaagaagggc	aacctcacc	agtccttcag	aa		402

<210> 59
 <211> 406
 <212> DNA
 <213> Homo sapiens

<400> 59						
cccaaactct	tatggctaac	ttttttgcc	cctagtagac	tccagctgct	gctaggctgg	60
gtgtgtgtag	aataaggccc	tgtgaacaca	gacatccctc	tcgggaataa	gagctgagca	120

gtgcacttca	cgggtccccag	gcggtcccaca	ccatctgttt	gctgcagcag	gatggcttgg	180
gtggtccatc	cagggccctg	cccagagtct	cttggggcca	aggctttccc	accctgtccc	240
tctcactgcc	cacctccagg	taggcacagt	agggagggct	ggcaggaatg	acccaggagt	300
gaaagcaatc	ctcttgtctt	ctggtgggag	gatggagggg	ccagggcaaa	ctgtgaacca	360
gcctttggac	ggggtaccca	cccacttccg	tgactctcct	tgcccc		406

<210> 60
 <211> 404
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(404)
 <223> n = A,T,C or G

gcattttcaac	tcagtattca	ttattagttg	tgtgtctgga	aagattgtac	ttacttttcc	60
tctttacact	acagttcgct	cttatggggc	tctaaactgt	ttaactgaag	aagcttcgct	120
tgtattttga	ttgagcataa	tttagtattt	tatgatttcc	aagatgatgt	tcttatgtct	180
atcaagtcta	tgtatcaaat	ttataacatc	atttaagaaa	aaggaatttc	cacagatact	240
tcagttgcaa	ttttttgttt	catgctactg	aaaatacatt	tgtttctagg	ggttggaata	300
ttatagaaga	tggaggatga	aagaaaaccg	atagaacaac	gaaagaattc	tgtttatgaa	360
attacaggaa	ttgtgccact	atggnaaagc	attgtcattt	tagt		404

<210> 61
 <211> 402
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(402)
 <223> n = A,T,C or G

gcactcccag	gatcgggtca	tcggcacaaa	aggagacatt	gcccacattt	atgatattca	60
gactggccaac	aagctgttga	ctctgtttta	cccagatctt	gccaacaact	acaagaggaa	120
ctgtgccacc	tttaatccta	cagatgatct	tgtcttaaat	gatggcgctc	tctgggatgt	180
ccgctctgca	caggccatcc	acaagtttga	caagttcaat	atgaacatca	gtggtgtttt	240
ccatccaaat	ggactggagg	tgatcattaa	tactgagatt	tgggaccttc	gaacttttca	300
tcttttgcac	actgttcccg	ctctggatca	gtgncgcgtg	gtgncaatca	cacgggaaca	360
gtgatgtatg	gagctatgtt	gcaggcagat	gatgaagatg	ac		402

<210> 62
 <211> 404
 <212> DNA
 <213> Homo sapiens

gaaaaatctg	tcagtgaagg	acctgggtct	ggttgagaat	tacatcagct	tctatgacca	60
cctggccagc	ctgtgggatt	ccctgaaaaa	gatgcatgtc	ttagaagaga	aaagagttag	120
gactcgacta	gaacagggtc	atgagtggct	ggccaagaag	cgcttgagct	tactagcca	180
ggaactaagt	gacctccgaa	gtgaaatcca	gaggctcaca	tacctggtga	accttctgac	240
ccgctacaag	atagcagaga	agaagggtga	agatagcata	gcagtagagg	tctatagtgt	300
ccagaatatc	cttgagaaaa	catgtaagtt	cacccaagag	gatgaacaac	ttgtgcagga	360
aaagatggaa	gctctgaaag	ccacccttcc	ctgtctggcc	tggg		404

<210> 63

<211> 399
 <212> DNA
 <213> Homo sapiens

<400> 63
 gataaaatga tggctcttggc tgggattgca ggcgaggagcc actgcagctg gccatcttac 60
 ttaatttttta taagaatccc cagaaggtag gttgtgttaa gattcaaact gtataaatga 120
 gttaaagtaaa gcgtaatgag aataaatagt tcaagtaaac aaagtgcag aaccagcatt 180
 caaattcaag tatctctgac ttcagagttc atgatcttaa ccactctacc atactgcctt 240
 tctctgggta cataggagat atggctgttg gaagaagggt taatgtaaca atggcatcca 300
 aagtacaatt ttgcttcata gaccaaatt caaagggtact cctactgtat ataattcagt 360
 gatggactag atctaatttt gtcttaacta tattgcttg 399

<210> 64
 <211> 397
 <212> DNA
 <213> Homo sapiens

<400> 64
 gcgccccgtc ctgggggtccg cagcagcccg gtccgggcaga ggctgctcct cctccccagg 60
 acgcccggcg cacaccggcg ccccgacgcy tgcggcgga cagaagcgga ggcgaggagtg 120
 ctgggaacag cctttactgc ccacgcccta cagggcgaac atgcgcagag cctcctccgc 180
 cgagcggcac tggttcagct ggatctgcac ctctacggtc aggggctcag ggtggtaatc 240
 gccttcgtag atcggaatca cggctttcgg cttttctgag aaaatttaag tgcgagcatg 300
 agccccggga gacggatggg ctggcgcttct cggccgcctt gacccatccc atatgcaagc 360
 cctggaccct gtcccagcgg gagcacagtt ttggtcc 397

<210> 65
 <211> 399
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(399)
 <223> n = A,T,C or G

<400> 65
 gggggccacca atctggccga cctcaggctc tgggaaacag gctgccctcg tccctctgcc 60
 tgtgggtggc tgaggcttct cagcccatct ccagttctct gcagcaaagg ccctctgttt 120
 ctgtcctgca gtgggggccc ttctgtggtt aaacatgtcc ctccccctct cacagaactg 180
 agtacctatt gcggctgggc ccgcccacc ctgtgtccct gcacccatgg gttctaccac 240
 ctgattcggc tgcagctgtc actgtcccgt gtctgtctct tgtcaggcct ctgagtgtg 300
 cagacgtatt aacatatcac cgctagttag tggaaagtct tgtttcttat tagaatattt 360
 tgnntagga cagggngccc cagcactgtc tatagcaac 399

<210> 66
 <211> 398
 <212> DNA
 <213> Homo sapiens

<400> 66
 ctaatatata aaagtcatta gaatcagaga acattgcaga gttcaatttt agaatacatt 60
 tagcagaaaa tacatgaatt aagagagggt gactgaatgc aatatagttc tgtggagtg 120
 aaaatatgag gtatatgtgt tcagtgtatg accactgaat atatagatag tagtcattgt 180
 taatttttaag agtctagatt ggagactaga aaggctcctt ggttctagtt agtgaaagta 240
 tttgtacaag aagtgactct taagtattgc aacaatgttc caagagtata catattgaaa 300
 tccatctctt accatcatca tgatcacact cactgccaca tctctgttcc cagaacaggg 360
 catagacatc agtttctgaa acctaatagt acctaggg 398

<210> 67
 <211> 395
 <212> DNA
 <213> Homo sapiens

<400> 67
 ggccactggt tcccaggccc ccaagtcccc ctggggcctgt ccaaagactc caagaggggg 60
 aaccagaagc cccactgggc ccaggggtggg tcagtgccgc ccagcagcct ctgagcatcg 120
 ggaggaatgt ggagtgtggg tgagggggcac aattctccac cccagggggc ttccaggctg 180
 tagcaaagca gccacgtctc tccacctgcc cagggcacag acccgggtgct cagccgcctc 240
 cagctccagc tgagccccctg ctgcatgggc ggccccggggc ctggggggcag agaggagaga 300
 gccgctgtgg gaggagagtt tggggggcgtg gtcaaggcag agttgggtggg gtttgaagtc 360
 cagcaggagt ggcagagaga ggacttgacg tttgg 395

<210> 68
 <211> 420
 <212> DNA
 <213> Homo sapiens

<400> 68
 ctgtcttcaa gtggctttac aggtttttaca ccgcaaactt cccagtttt gcgctcacct 60
 ctgcaatgct gtgattggct acctgagtac tcgcgggttc tcagtagatg gcagtcacct 120
 actgctatct ctccgagatc agacgagttc cagactcctg gagcaggtcc tgctgggtgtt 180
 ggagccccca agactccaga gctcttttga ggagcacttg caggggcagc tgcagacctt 240
 ggctgcacat cccattgccca acttcccttt gcagcgctta ctggatgcag tcaactaccc 300
 tgagctgctg tccctgtgtt ttgaggagct gagccctgtc ttggaagctg tattggccca 360
 gggccaccca ggggtagtca ttgccctggg gggggcctgt cgcagagttg gggcctacca 420

<210> 69
 <211> 393
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(393)
 <223> n = A,T,C or G

<400> 69
 gtctttgtaa ggagcgtaac attgcttaag atttatatat aaccgagtca ttttctgtct 60
 ctgtatcata ttcttttagg taagcttttt caaagttact ttgaatagtt gatatagatt 120
 tagaacaac gagtcacat tctcaggata cttctattgc ctttctggaa taatgcagct 180
 cattgttctg ccaagtatcc tctaatacagc ctgaaaagtg ttttctttta tttcatcatg 240
 acattgggccc ttttaattga gagtgaaaat cattaaaggc aaattatatt gtgtaaatta 300
 tggtagattt agccttacta cataattttg gaatgntttt atgattgggt gngtatgctc 360
 tggcagatgt ctttatcatg acttattttta agg 393

<210> 70
 <211> 392
 <212> DNA
 <213> Homo sapiens

<400> 70
 atctcatcca ttcttgcttc actcaccact tcctttttct cagagggtcaa tgccctgatgc 60
 cagggtccact cactgaaatt ccataagac tggaatttgt tgccctggag catgtatata 120
 cattctcttg ttattctcct cccagttcct catcaggacc ttctgttgct tctaatagtt 180
 aacctcttta aatagcacag ttccctctct ctgcaagtaa agttgcagta gggttctgat 240
 ggcatataata ttttaaaaga acttggtgatt ttgtttactt aaaagtgagg gatgtgaaca 300
 gatgtcgact caacctgaga aagaaggat ttgttctagt gactaaattt ataatgaga 360

ttcagagcca cttgattaat agaagatatt ta

392

<210> 71

<211> 384

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(384)

<223> n = A,T,C or G

<400> 71

ggattgtgaa	ctctggacaa	aggaggggtt	ttagttcttt	gcttcttttg	acgggtcact	60
ttgccatgag	cattagtggg	gaattaggtt	acactttcct	gttatgtatt	tattatccat	120
ttatatatta	tacaaggcat	gcttattttt	aaaatagagt	aaaatccatg	ccgaaagccc	180
catttctcac	cctgctgttg	acagctgcgt	gagtcctaaa	ccttctcata	tcatgccgca	240
tgctgcatgc	ttactcctgg	agccgttttn	caaanaagtg	cnantacact	gtgctattga	300
atthnttgca	cnnngtnnna	atctcccnnt	ncttgatttt	tttaagaanc	cccccnct	360
ttactnnttt	aagngggncn	ttaa				384

<210> 72

<211> 363

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(363)

<223> n = A,T,C or G

<400> 72

atggactcca	gctgtatcca	tggtgctgca	aaggacacga	tctcattcct	tattatggca	60
tataatattc	catggcgtat	atgtactata	ttttctttat	ccaatctact	gatgatggac	120
acctgggaca	aatcaatgtc	tttgctattg	cggatagtnt	ntanttttnc	ngncgnnanc	180
atgtccctgg	gggtgggtnt	ctttnnnttn	ttttnnactn	cttttgtttt	agncccnng	240
ncacntttca	acgnntntnc	tttgngnata	gtggccaaaa	aaacnnaaaa	aantttnttt	300
ttttngnaaa	aaanaatttt	ttgngggggn	gnncnattta	ttngaaanct	tattntcctt	360
cct						363

<210> 73

<211> 389

<212> DNA

<213> Homo sapiens

<400> 73

ctctctccca	ttctgttttg	ccagatagct	gatctggcca	atgaagatac	tccacagttg	60
tatgtggcct	gtggtagggg	accccgatca	tctctgagag	tcctaagaca	tggaattgag	120
gtgtcagaaa	tggtctgttc	tgagctacct	ggtaacccca	acgctgtctg	gacagtgcgt	180
cgacacattg	aagatgagtt	tgatgcctac	atcattgtgt	ctttcgtgaa	tgccacccta	240
gtgttgcca	ttggagaaac	tgtagaagaa	gtgactgact	ctgggttcct	ggggaccacc	300
ccgaccttgt	cctgctcctt	attaggagat	gatgccttgg	tgcaggtcta	tccagatggc	360
attcggcaca	tacgagcaga	caagagagt				389

<210> 74

<211> 300

<212> DNA

<213> Homo sapiens


```

<400> 74
aattccggtg ctgtcggaaa atgttaattt gaagatgtgg ggcagggaca gtgacatttc      60
tgtagtccca gatgcacaga attatgggag agaatgttga tttctataca gtgtggcgcg      120
cttttttaat aatcatttaa tcttgggaaa attcaggtgt ttggtgtctg ctttttttgt      180
tcttttttcc agcacaacat aacttaccac tgatactccc ccttttagtta ttctgaatta      240
ggatattttt gtcctcaaatt cttatttttac ttaaccagaa gggaaaaaaaa gctgtatttt      300

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<210> 75
<211> 417
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(417)
<223> n = A,T,C or G

```

```

<400> 75
ggcccggtcg cagcgagcgc tggacggaga ggaaagcgac tttgaagatt atccaatgag      60
aattttatat gaccttcatt cagaagttca gactctaaag gatgatgtta atattcttct      120
tgataaagca agattggaaa atcaagaagg cattgatttc ataaaggcaa caaaagtact      180
aatggaaaaa aattcaatgg atattatgaa aataagagag tatttccaga agtatggata      240
tagtccacgt gtcaagaaaa attcagtaca cgagcaagaa gccattaact ctgaccacaga      300
gttgctaatt gtgaaaattt tcagaagact gatgtgaaag atgatctgnc tgatcctcct      360
gntgcaagca gttgnatttc tganaagctn cacgtagtcc caactttcag attttgg      417

```

```

<210> 76
<211> 408
<212> DNA
<213> Homo sapiens

```

```

<400> 76
cacacacact taagaccctt tgttcctagt aacattcatc ctcttgattc ctggtgaaca      60
cgggttaaat catgcacatt tgttcttgta gtttctaaaa attagatcaa tttatttgtt      120
agccagcaaa ttgaaaattc cattattaga ttaatgaaat ttttgctctg cttatatgta      180
tacgaactgg aaatctgaat ttttaaattt agatctttta atcaaattat ttttatgcat      240
attttcattt aatatagagt ataccaatcg attgaagcct ttcacaagta gtgcgctgag      300
cttttcttat tgaagagagt gaattagttt ctgagaagca gtctattgtg aaaagtttca      360
gatgagatta ttttctttta gtctttttta atatacactat atgtattg      408

```

```

<210> 77
<211> 417
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(417)
<223> n = A,T,C or G

```

```

<400> 77
gcttccctcc aatgggtttt actccatcct ctttctggtc ccaccatcaa ttaccttgga      60
gacagtagga aatgaaaaag aaaagaggtg gaggtaagag agaggaaaga caagtgggaa      120
cccagggctc aactagtctg cacctcctca accagtagtt taaaaaaaaa aagtanaggc      180
caggcncgtt ggctcacncc tgtaatccca gcantttggg aggccaaggn gggnggatca      240
cggggtcagg agtttganac cancctggtc gggatggtga agctntgtnt ttactaaaaa      300
tggggaaaat tggctaggca tggnggnggg tgctgtaac ccagctgnt tgggaggctg      360
tggcagggga atcgnttgaa cacgggaggc ggaggtggct gtgagccaca ttgcgcc      417

```

<210> 78
 <211> 421
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(421)
 <223> n = A,T,C or G

<400> 78
 ttttttttct tgagatggag tctcgcctctg ttgcccagtc tggagtatag tggcgtgac 60
 tcggctgatg gcaacctccg cctcccgggt tcaagcgatt ctccctgccta agcttcccga 120
 gtagctggga tcacaggcac ctgccaccat gccagctaa tttttgtatt tttagtagag 180
 atgaggtttc accgtgttgg ccaggctggg cttgaactcc tgacctcagg tgatccatct 240
 gcctcacatc tgtaatccca ataactttggg aggctgaggc agtgaggcgg catattgctt 300
 gagcccagga gtttgagacc acctggcaac atggggaaac cccacagggg gtagaagtga 360
 aaaagactga aaaaaattan ctnggcattg ggggcatgca tctggaatcc cacctattca 420
 g 421

<210> 79
 <211> 413
 <212> DNA
 <213> Homo sapiens

<400> 79
 gtttcccgt tccagggccc ggttcgttcc cgcccgcacc cgtccctctc ctctgcaccc 60
 ctgctgcttc tgctttgaag gggagggctc catgttgtcc cctcagcgag tggcagcagc 120
 tgcctcaaga ggagcagatg atgccatgga gagcagcaag cctgggtccag tgcaggttgt 180
 tttggttcag aaagatcaac attcctttga gctagatgag aaagccttgg ccagcatcct 240
 cttgcaggac cacatccgag atcttgatgt ggtggtgggt tcagtggctg gtgccttccg 300
 aaagggcaag tccttcattc tggattttat gctacgatac ttatattctc agaaggaaag 360
 tggccattca aattgggttg gtgaccaga aaaccgttaa caggattttc tgg 413

<210> 80
 <211> 412
 <212> DNA
 <213> Homo sapiens

<400> 80
 gacctttaga gataattcct agctatgaac gtagtttcta gaacagataa gaattttcttg 60
 gaaaacgttg ctttctgtag tacataagaa gaattgagt tcaatacata taactaaaca 120
 ggagcaaaaa taacaatact tctggaaatt tgacttaagt catggaaatt tacttgattt 180
 tggacttgag gtaacaata tgtctttctg cttttatccg cagttgcttg catatttccct 240
 gttataaatg tttgtcta at gattaaacca acaaaagttc tgaaccttaa gttcaaatat 300
 caaattccaa tttattccca ttttgatgtt cctaaaatta tacctctagt tcaaatTTTT 360
 agatggccaa agtgttttgc ttattcacaa agttgaagag agactttcag ga 412

<210> 81
 <211> 412
 <212> DNA
 <213> Homo sapiens

<400> 81
 ctccagagct gcctttgaac atcctaacag taatcacatc tcacctccc tgaggttcac 60
 ttttagacagg acccaatggc tgcactgcct ttgtcagagg ggggtgctgag aggagtggct 120
 tcttttagaa tcaaacagta gagacaagag tcaagccttg tgtcttcaag cattgaccaa 180
 gttaagtgtt tccttccctc tctcaataag acacttccag gagctttcca atctctcact 240
 taaaactaag gtttgaatct caaagtgttg ctgggaggct gatactcctg caacttcagg 300

agacctgtga	gcacacatta	gcagctgttt	ctctgactcc	ttgtggcatc	agataaaaaac	360
gtgggagttt	ttccatataa	ttcccagcct	tacttataaa	ttctattctt	tg	412

<210> 82
 <211> 413
 <212> DNA
 <213> Homo sapiens

<400> 82						
ctgtcccggg	ggtcagggga	gggaggccag	cgggccggcg	gggtccgccc	cgaccccatc	60
cacgaccccg	actcctatcc	gacccatcc	ccggccccgc	tcgggccttt	ccccttgccg	120
cctggctcgg	ctggctcgac	gagcagtaag	ttcgtagccg	ccctccgaag	ccgggcgtgc	180
atgggatggc	agagttggcg	tgcgtgcgtg	agtcaccag	tgtggcatgg	gcatgtaagg	240
tgcgcggagg	gactgcacct	tctccatcag	gtgcagaagg	ccacgtcatg	ctgaacaaga	300
gccgagaagt	agaatcgcca	gtgtcaagcc	gtccacgttg	tgggatgccc	actgttcccc	360
caggatcact	caagaccctg	tgacttgtgg	tcactgatga	gtggaccaag	tga	413

<210> 83
 <211> 418
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(418)
 <223> n = A,T,C or G

<400> 83						
atTTTTtGta	cctataagct	ttttccagac	catagacaag	atcctaaatg	ccttttcttc	60
atccctgctt	gctaaatccc	ctccttcaaa	catttcagaa	aatactgtct	ttacttttta	120
taaagacttc	actttccaaa	aatgtacccc	cacctccatt	tcttattact	taacaccact	180
tgtgtgaaaa	catacaactg	cccacttgct	tttcctttta	gacactgact	ttaccaatag	240
tagaaactca	ttactgacct	actcacttta	ggctgaaggt	tgacagataa	agcaagttct	300
ctctggtgat	ctgtggaccc	gccatcagtc	cacaatctaa	agatagtatt	gagatgctga	360
tgagattggc	aatgttaatc	tgatgatctg	tatgctcttt	accacaggnt	tttttttg	418

<210> 84
 <211> 413
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(413)
 <223> n = A,T,C or G

<400> 84						
gagatgtggt	ccaagggagc	catccagtga	cgggtactct	tgtgtttgct	gaattctcca	60
agcccagtg	tgcaagcatt	gagtgagccc	tagtggtg	caggccctga	cctgaagctg	120
atcaggggtc	agagtgcctt	gggcagccca	ggatgaagt	ggctccaaca	gcatctggag	180
ggagttaggt	gtgcaagggc	ctggcacccc	atttccttcc	cacatggttt	aacctgctct	240
gctcactact	ccatggctca	cccctcgccc	agccatcccc	aaggcctagc	accagttgat	300
gctcaatata	catttgacaga	ctacagaagt	taggttcatt	tatcgattg	gcagagtggt	360
gacgtccac	ctgacactac	cgcttcctgc	catttngntn	anttnccaag	gat	413

<210> 85
 <211> 405
 <212> DNA
 <213> Homo sapiens

<400> 85
ggccccgcgg ggcagccatg cctggccgtc tgctgcgggg cctgtggcag cgatggcgcc 60
gttacaagta ccgcttcggt ccctggatcg cactgaacct aagccacaac ccgaggtaca 120
gtatatcaga agtatgagcc gatctttttc cagtccattg gaaatccgtt tattttttaga 180
tgccctggatg ggggtactcat tgatgggaat gacaaaggga tatcaaaagt tgtgtacaga 240
tcttgcaatg ggagggatcg actcggccct ttaaaaatga gtgatagtag atggctaacg 300
tcagaaattc ataaccctct ggctgtggga cagtatgtca acaattgttc caatgacaga 360
gcagctaatt tctgttatca ggaatttgat gtgcctgcag tttcc 405

<210> 86
<211> 398
<212> DNA
<213> Homo sapiens

<400> 86
gttagtcagg atgggtcttga tctcctgacc tcgtgatccg cccgcctcgg cctcccaaag 60
tgctgggatt acagggcgtga gccaccgcac ccagccatgc ctggaatatt tttgtaattg 120
aaaaatgaaa tgggagaagt cactgttcct ggctttgagg cttactctga agccacaaat 180
caacattgcy gcgatggcag acagacgcgt ctgtggagag aagagaggac tcaggccaca 240
caagagagac cagcggagct ttgacagagg cagaaaaccc gttcatcaga tggctcggag 300
cacctgggca gcggtaggca aagccctaag ccctcgttct acagaacagc tcatcagaat 360
gcagggcatt taggtgaaaa cctttgtggc ctggggct 398

<210> 87
<211> 398
<212> DNA
<213> Homo sapiens

<400> 87
cgagaaaaaa gtagctcagg tacaggatac tgcaattctt agaatctggg aaacttttta 60
tgtgggaaat aactcgattt gcttctctgt aactgagcta cttttttctc gagctcattt 120
ttgttttaagg taacactgct agggttctga gtttgagaag ggatcttcta aaggtaaact 180
taatattgca actttcacca cagggcctct gtctaaattg catttcaagt ggaaggaaag 240
gggtatgaga agtgaaatcg aattttgctg cagacaaaaa tcattctaca aaatgtagac 300
atggtaacag cttaccacga attcagcaag atttaacgcc aagtacagt gtgtagactt 360
tacaagtatc cacttccatt ggggtgatcag acaagtca 398

<210> 88
<211> 400
<212> DNA
<213> Homo sapiens

<400> 88
aaaagcttgg gaaccagtgc ctattttattg gtaaactaag tgaaaatcca gtgacttcac 60
tgacatatatt ggatcttatt agtatatggc tgggaggaga ttaagtcatt tgaatttatt 120
tcaattctga aaagaaagt ctgcctaaaa attattatag tatttgggaa tatttctacc 180
cagtatacat ggtggcagaa aatcacataa tctgtgttgt ggcaaaagca ttgaatagga 240
agccaggaga tgtgggttcc agtaccacac tgccgtctct cctgagtacc caggtggccg 300
tgggctagac acagctgcag gtgtctagtt tgtaggtgat ggggttagaa tgggctgtaa 360
atgagatgaa gattgctttg gccttggtgg ggtggagtgg 400

<210> 89
<211> 420
<212> DNA
<213> Homo sapiens

<400> 89
aaatattaga acagtaaaaa gtcttagaag aagatgatct cctgcgagta gaggagcagc 60
taggctctga tacaaaggca attgaaaagt tagaagagga acagcatgcc ctctttgcc 120

gagatgaaga	tctgactaat	aaacttttccg	actacgaacc	caaagttgaa	gaatgcaaga	180
cacatttgcc	aacaattgaa	agtgtctattc	actctgtttct	cagagtctct	caggatctga	240
tagaaacaga	aaagaaaatg	gaagacttga	ctatgcagat	gtttaatatg	gaagatgata	300
tgctgaaagc	agtgtctgaa	ataatggaga	tgcagaaaac	ccttgaagga	attcagtatg	360
ataatagcat	attaaagatg	caaaatgaac	tggatattct	aaaagaaaaa	gtcatgattt	420

<210> 90
 <211> 384
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(384)
 <223> n = A,T,C or G

ggagaatcca	ttactgaaaa	gcattttaact	taaaaaatca	cctcagaaca	ctgccagttc	60
tgaggtgatt	tttaaatttc	agtattaggg	agagccctgc	attcgctgac	tcagattcta	120
cataactaat	gtatgatatc	atatgcttaa	ctattatant	gtgcgtntct	tgngcataca	180
caggntataa	ntttntnttt	ttggcanaag	atcttttntt	aaaaaagntn	nggttttggt	240
mntnttattt	taagnncct	ttttttantt	gnnggggnnt	nantnggngg	ataccctttn	300
tttaaaccct	ttnttttggg	tgnnnaannn	ctnnnncnnt	ttttnttggt	tttatgntgg	360
gnnnncnatnt	ntccctnttt	tttt				384

<210> 91
 <211> 411
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(411)
 <223> n = A,T,C or G

gttttgactt	taatatatga	agggctggtg	gtgaagacag	actctagact	ctaaaggttg	60
gtggctggct	atgtagggga	tgggggagtg	ctaccctgt	caggtggtgg	gggcttctctg	120
gctgcagagt	tgggtgggag	acttggggaa	gatgcttttg	aaggcagtga	gtgggtggtg	180
tcaacttcta	gtagtgcagt	gggagagctg	gtcagggatg	ggatggagtg	aagggggcag	240
aggcatttgg	tgtggggttg	atcaaaggaa	ttttggaaaag	gcttggaaac	attcctatgt	300
ntntgaaaca	cacctatgcc	nggcaaagac	tccaaactca	agnttttctc	ttntctctan	360
tcacaaaaaa	catngctttg	gagtngnaca	ctggcnctang	aatccatgac	t	411

<210> 92
 <211> 374
 <212> DNA
 <213> Homo sapiens

tatttttcta	ttttctggaa	atttcatttc	tttgaattcg	ggcataagag	atttagaagc	60
ttcactcaaa	tattaagctt	tatttaaaaa	gatgatattcc	agtatttcat	tttatattca	120
cattaatcaa	gtctacatgt	ttcgtttaga	gtaacaggaa	gatggtaata	cgcccagggga	180
actatctgga	agtgtagaaa	ttgggatgaa	caccgggggt	atacttggtt	tgatctgcct	240
gtggtgctat	gatgacttat	tttctctcat	tattgcatag	aaactcaatt	cagtgatgtt	300
attcagatgt	tattcataag	ttattgccat	gattcatcac	ttttatgtca	tcagagttgg	360
gatggctacc	caga					374

<210> 93

<211> 369
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(369)
 <223> n = A,T,C or G

<400> 93
 gaacagcctg accaacaatgg caaaactcca tctctactaa aaataccaaa aaaattagca 60
 ggggtgtgggtg gtgnncaccn gtcnnnccac ctattcaaga ggcttatgng ccngaagctt 120
 cgaaccnngg acgtgcncctt ttnttntngg ctctntcgag cctctnnant tnaangctnt 180
 ccgningcnnc nttntcttta gggcantcaa gtgggtccaan ntcnagctct tcnggggnacg 240
 natgtcggnt tttggttttg aaaagggtgn tntctcannn tnnennngcn gcngggcggtg 300
 tttttntntnn ggacntccct gtgncnnann cancctcnnn gagntatnga tgtctngncc 360
 nncactttt 369

<210> 94
 <211> 369
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(369)
 <223> n = A,T,C or G

<400> 94
 ctttgcctatc ttgaaaaaaa tttagattgt tttattttgt ggacacattc ttcattcaca 60
 ttgaaagcag agtattacag agtggtatgt taaatttaag ctgtcaaagt ttgatttngn 120
 cgcncnattn anttntcttn atngtntcnn tattggannn ntatntctnn ttnantntnc 180
 acatncatnt ttcttancta ntnaancntt cttanncnnn tnannaccgn tatntaatan 240
 nntaagntct tntntttntt ttnnnnnnct ncgtntatnn tatttcanna natnttctnn 300
 atagnactnc tccttctntn ctctccttat tanaangacn catcattatt cntattattn 360
 taatatttt 369

<210> 95
 <211> 392
 <212> DNA
 <213> Homo sapiens

<400> 95
 gttccccgcc gcacccgtcc ctctcctctg caccctctgt gcttctgctt tgaaggcgga 60
 ggctccatgt tgtccctca gcgagtggca gcagctgcct caagaggagc agatgatgcc 120
 atggagagca gcaagcctgg tccagtgcag gttgttttgg ttcagaaaga tcaacattcc 180
 tttgagctag atgagaaagc cttggccagc atcctcttgc aggaccacat ccgagatcct 240
 gatgtggtgg tggtttcagt ggctggtgcc ttccgaaagg gcaagtcctt cattctggat 300
 tttatgctac gatacttata ttctcagaag gaaagtggcc attcaaattg gttgggtgac 360
 ccagaagaac cgttaacagg attttctctg ag 392

<210> 96
 <211> 305
 <212> DNA
 <213> Homo sapiens

<400> 96
 aaaaaaata cataaatata taatgctgat taggtatgcc ttataatttt ctttaataca 60
 ggaaatactt attttagtag aactgacact tatgggaggt attatgtttt tggtttacat 120

ctgcaaactct	acatatttga	ataggaaaaa	cctggacata	ctgggatctt	cttatatagt	180
aagttttcat	aagtattcta	tcaaatttat	tttgggttatt	tggctaactc	ataagttaat	240
ccaccaagt	cttttttagtg	attttttaac	atgtgagtag	taattgggta	attttttttt	300
ttttt						305

<210> 97
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 97						
aattccgttg	ctgtcgaagg	atttttgcaa	ggaatatgaa	aaacaagtga	gaaatggaag	60
gcttttttgt	acacgggaga	gtgatccagt	ccgtggccct	gacggcagga	tgcattggcaa	120
caaatgtgcc	ctgtgtgctg	aaattttcaa	gcggcggttt	tcagaggaaa	acagtataac	180
agatcaaaat	ttgggaaaag	ctgaagaaaa	aactaaagtt	aaaagagaaa	ttgtgaaact	240
ctgcagtcaa	tatcaaaatc	aggcaaagaa	tggaaacttt	ttctgtacca	gagaaaatga	300

<210> 98
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 98						
ctttgatcct	tctggaatta	attttgggtgc	aaggactgag	gtagggggctc	acgttttcctt	60
cccgatgtca	gccactactt	ttgggtctttt	aatctataaa	agcagggcac	tgggttagaa	120
tttcttaaat	ctcttatata	tcaaacaaag	cactcactgc	aaacttgatc	aatagaggaa	180
agtatgcttt	ttttgtattt	tacctttttac	cagtttctact	tactgtaaat	cataagggttg	240
tcttacatag	tagaaaaata	gcattatctt	aaacctggct	ttttattact	aaatatatca	300

<210> 99
 <211> 511
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(511)
 <223> n = A,T,C or G

<400> 99						
tgccgtagcc	nangnnntgc	tnaatgannt	ntnaannnga	aancccccga	nnnttcgann	60
agaatccggt	gctgtcgggc	actgtttaag	agtaccatgg	agatagcctc	accttcaaa	120
gatttacaga	cttgctggaa	aatctaaaaa	tgagaaactg	ttaaatcaat	gagactattt	180
tcaagttccc	aaagcagtaa	tatcctactg	acttctgggt	aaaaaaataa	accagttata	240
agttgatgtc	ctaggaaaat	cgaagagaga	tctgtgtggc	ctggagtagt	tgaggaaacat	300
ggcaagaggc	atggatccct	gttgcaaaa	gtggaaaagc	tcgtcagaat	acaaggaaat	360
gaaatgaaga	gatattttcca	gcaagaacag	acaaaattta	ggaaacaatt	agtaaatagg	420
agcacagaaa	atcattccag	tcttgtcctt	caagtttttt	ttttttcccn	tgggtaagtn	480
tgcactgaag	ttaggctaaa	ttcttgactg	g			511

<210> 100
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 100						
aattccgttg	ctgtcgcggg	agcgggggaca	cgccaggaga	ccgagggtcg	ccccgcgggg	60
gaatggagga	aaccaggcga	gaaaggagcg	ggaagacctt	ggagccgcgg	tggtcgggct	120
ccgcgtccct	tttccccaaa	aatccacccc	cgccccccgc	agacggaaa	tcacgcagtt	180

gtttgagact	cgcgcatctt	tcctcctggt	caggggggatg	gcagtaggag	cttcgtctgg	240
gtcgtcatga	ggaatgcaga	gaatggaaac	gggaccttag	aggactaccc	ccatttcaca	300

<210> 101
 <211> 422
 <212> DNA
 <213> Homo sapiens

<400> 101						
gcgacgtga	gcgataatgg	cggatatgga	ggatctcttc	gggagcgacg	ccgacagcga	60
agctgagcgt	aaagattctg	attctggatc	tgactcagat	tctgatcaag	agaatgctgc	120
ctctggcagt	aatgcctctg	gaagtgaag	tgatcaggat	gaaagagggtg	attcaggaca	180
accaagtaat	aaggaactgt	ttggagatga	cagtgaggac	gagggagctt	cacatcatag	240
tggtagtgat	aatcactctg	aaagatcaga	caatagatca	gaagcttctg	agcgcttctga	300
ccatgaggac	aatgacccct	cagatgtaga	tcagcacagt	ggatcagaag	cccctaataga	360
tgatgaagac	gaaggtcata	gatcggatgg	agggagccat	cattcagaag	cagaaggctct	420
tg						422

<210> 102
 <211> 418
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(418)
 <223> n = A,T,C or G

<400> 102						
atatttttta	aacattttaa	attaattatt	tttghtaagta	cattaattca	gatgagtttag	60
atcaatatga	attttggaga	agtgttaact	gtagaatatt	ttaaggcaga	gcagttttgt	120
taagtataaa	taattgtaga	aactgagata	acagtattga	ttgatagcag	tcttaaaggg	180
aactgctcta	atgaaaagat	tcagataata	tagttttaac	atggttggtta	atatatatga	240
gttctaacga	tcccaaacaa	ctgagaatct	tgaagcatgt	ttaaaatctt	gtgacttcac	300
aagcgatgat	ccaacctatc	atttcacctt	tcaacattta	gcagttttgt	gcgtatagtt	360
tatgcaatgn	ggnactatgc	tagatgctta	gtcatcctac	cagtgggaaa	aatagata	418

<210> 103
 <211> 421
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(421)
 <223> n = A,T,C or G

<400> 103						
ctatatagac	acctatcgac	tatgggatct	ttgggaaaga	acaacagtta	gctttcttag	60
aaaatgtaaa	gaggtcactt	acacaaggaa	gattatggaa	accaagtttt	cttaagaacc	120
ctggcttctt	aaaagatgat	ttgaggaacc	ctcccaaccc	ctcagagtca	ttaagctcaa	180
attctcccag	tagtcagggtg	ccagaagatg	gcttatctcc	aagtgaaccg	cttaatatct	240
atgaggatga	cccagtggac	tcagattgtg	acacagacac	aaccacagat	gatgaatact	300
acctggatga	aaatgacaaa	gagtcagaac	tgtgaggctt	tttcaataaa	atgctttact	360
tttttcccaa	aagcttataa	tggaactaagg	tnacatgtg	catgtgcatg	gaangataaa	420
a						421

<210> 104
 <211> 410


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<212> DNA
<213> Homo sapiens

<400> 104
ctggattttt acaatatcaa gtcagcccct cccctccatt attcttatga aagtctggct      60
gctattcctt tctcagcagg ttctctaaaa gaagctctag aaaggaaaca aacattatta      120
ttggtagtag aagtaaagtc ctttgggggt gtgagtcctt actgtatata acacttcctt      180
tctgacctgc tatttaagcc tcattacaga agatgacctt gaaattgaaa tatttcacaa      240
ttattgggtt cagttcctca aaaacattaa tggagacaat taatatatta tcagagttga      300
atagaggtaa atcattataa tcttgctgta tcagttattg ctctatgaca aaccattcaa      360
aaactcagtg gcttgctgt aatcccagca ctttggggag gccagcgtgg      410

<210> 105
<211> 410
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (410)
<223> n = A,T,C or G

<400> 105
cacaaagcaa atgtctaatt taagcactta atttttaatg tgtgaaatct ggatattttg      60
tgattttctga gcatttattt ttcatttatg tacagtaaaa ttaacaaaat tgcagatact      120
cttaaatgtt ggaatcctag ttttatatta tgttcaaagt ttttttaagt tggagagctc      180
ttaatttttt atttgcatgc cagcaggggg cattctaate tagatacaac atttgaaagc      240
agtatttttc aaaaatatatt gttcgctttt ttatatattt tatttagatg aatagcatct      300
actttcattt tcttttagaa acttgagatt tcaaaggagg atctagtaac attgaatctt      360
taatagtttt ctgtgncaca atttttgaga cagataacct ttaaaaaaaaa      410

<210> 106
<211> 410
<212> DNA
<213> Homo sapiens

<400> 106
ccgctatctg ggtcaggacg cgacggccgc ggcgcggggac cttaggaccc gcgggctcca      60
gggctactgt ccgtccgcca ctgcgcgcca gcaggtcctg gtctccgctc tccaacagct      120
gaaaggccgg cgcagtgaac acagaaacga aaaccaagaa atgccttatt ccacaaacaa      180
agagttgata cttggcatca tgggtgggcac tgctggaatc agcttgctgc tcttggtgta      240
ccacaaggtc cgtaaaccag ggatagcaat gaagttacct gaatttcttt ctctgggtaa      300
tacatttaat tcaataactt tgcaagatga aatacatgat gaccaaggaa caacagtaat      360
ctttcaagaa aggcaacttc agatactgga gaagttaaac gaattactga      410

<210> 107
<211> 405
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (405)
<223> n = A,T,C or G

<400> 107
acgatttgta aggatgactg cttgtgttct gttggttggt aaggtaatct ttgtaggcta      60
aaagtttagc attttctcaa catttgggac attgtatcaa ttgataacac taaacactat      120
aaagaagaat aaataatcct tcctgttcaa gccgtgccac actgagtctg tgaacgtgaa      180

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aaattatcag	tattatcctg	ttcccccagc	acaatttcat	tttgaaaatt	ccattatcag	240
ttttcgagcc	aaacactttg	gtagaaaagaa	gtagaaaatt	ttaatagaag	gcagcacatg	300
cgccctatta	tctaaataaa	cttggtatgn	aaaatttaaa	atctgattat	agaattagag	360
atttccaata	tttttggtgg	anttttggtt	ctggttttaa	ctaac		405

<210> 108
 <211> 403
 <212> DNA
 <213> Homo sapiens

<400> 108						
attgtcacta	aatTTTTtata	atcatagatc	tttgcagttt	actctctaag	cctgatgaaa	60
tttaagccaag	ggctggatct	ggcccatgga	ttagaagccc	attcattcct	tatccaggaa	120
aggaccagag	aatagttaat	taagaatgtg	gctttaacag	agctaaactg	cttggatttg	180
atttcctgcc	ctgccactta	ttgcctataa	tttttgacaa	ataatctaac	ttaatctcag	240
gttgtacagt	gtgcataaaa	tggaatagg	ccaggcacag	tgatcatgcc	tgtaatccta	300
gcagtttggg	aggctgaggc	aggagggcca	cttgatcact	tgaggccaag	agtttgaaca	360
tgcatgagc	tatgatatgc	cctgcactct	tggtctagca	caa		403

<210> 109
 <211> 398
 <212> DNA
 <213> Homo sapiens

<400> 109						
ctcaatcttt	atgaatatat	ctaaaatggc	tacttaatta	atTTTgttca	atgttgtccc	60
gatgaattca	gagattattg	gtatttgTtc	cattctaagg	aagaataaat	taaactaatg	120
aagacatagg	cagccagtct	ggcatcactg	agcacacaga	cctagtatta	ttgacagagc	180
aggtggaat	ctcctgagtt	ctgggcataat	ctgcggatga	aaacacactg	ccttcatttt	240
agagaggtgc	aagacagaag	ggctattTga	gacgtaaatt	tatgttaaag	aacagagaat	300
gtccctctct	tttttcctta	ccttaaaaac	aaaacaaatt	ctttggatat	gatagtataa	360
aaatacaaaa	ccctctgctt	tcctgtaatt	ataatgct			398

<210> 110
 <211> 398
 <212> DNA
 <213> Homo sapiens

<400> 110						
ggatgaggcg	ctgcagtctc	tgcgctttcg	acgccgcccg	ggggcccagg	cggctgatgc	60
gtgtgggcct	cgcgctgac	ttggtggggc	acgtgaacct	gctgctgggg	gccgtgctgc	120
atggcacctg	cctgcggcac	gtggccaatc	cccgcgccgc	tgtcacgccg	gagtacaccg	180
tagccaatgt	catctctgtc	ggctcggggc	tgctgagcgt	ttccgtggga	cttgtggccc	240
tcctggcgtc	caggaacctt	cttcgccctc	cactgcactg	ggtcctgctg	gcactagctc	300
tggtgaacct	gctcttgTcc	gttgccctgt	ccctgggcct	ccttcttgct	gtgtcactca	360
ctgtggccaa	cgggtggccgc	cgccttattg	ctgactgc			398

<210> 111
 <211> 394
 <212> DNA
 <213> Homo sapiens

<400> 111						
gtaaaacagc	agcatggtaa	gttaaaaaaa	aatcagataa	tagaaatgtt	aaaacaagaa	60
tggaatttat	taagtgttaa	aaattttaca	tttttaaact	tcagagattt	aagtccactg	120
atgttaaaaag	ctgccttgta	gtagaaatag	tataatgtgg	aaaaattagt	ctgtcctttt	180
taaaaattgg	gaaacaattc	tccaacatct	cttgaaataa	ctagagatat	ctggggaggt	240
taccaaacct	gaatgaagag	tctcaaatcc	caagaaagca	ttgtgtacat	tttgcttatg	300
aatattggta	gttctgtatt	gtataataaa	tcttactcct	tgacttggtt	atatgtaatt	360

ctggggtcct tttttatatt ttagatggaa caga 394

<210> 112

<211> 394

<212> DNA

<213> Homo sapiens

<400> 112

atgatccttt	gctgcctaac	tacctcaacg	gcttcgagtg	tttcgtctgt	gactacgaac	60
tggctcggct	ggatgccgag	aaagcccacg	cgccctctcc	cggggacagc	cccgtctttg	120
agccccacat	tgcccagccc	tcacacatgg	actgcccagt	gcccacacct	ggctttggca	180
atgtggaaga	gattcctgag	aatgacagtt	ggaaagagat	gtggctgcaa	gattattggc	240
aaggctctgga	ccagggggaa	gctctcactg	ccatgatcca	caacaatgaa	acagagcaga	300
cgaatttttg	ggattaccta	catgaaatct	tcatgaagag	gcaacatctc	taagtgcctt	360
tgcaagagcc	tttaacttgg	cggagctaag	gaga			394

<210> 113

<211> 396

<212> DNA

<213> Homo sapiens

<400> 113

ggctgccctt	cttccttgcg	gagggagggc	ctgggcggtc	gcgttggcgg	gagggaggtt	60
acctttccca	gtctcgctct	ggccgcctga	gccaggagga	agcagcggcg	aggtctgcgg	120
gagggcatggc	gggagctccg	gacgagcgcc	ggcggggccc	cgcggcaggg	gagcagctgc	180
agcagcaaca	cgtctcttgc	caggtcttcc	ccgagcgtct	ggcccagggg	aatccccagc	240
aagggttctt	ctccagcttc	ttcaccagca	accagaagtg	ccagcttagg	ctcctgaaga	300
cgttgagagc	aaatccatat	gtcaaaacttc	tgcttgatgc	tatgaaacac	tcagttgtgc	360
tgtaacaaa	gatagacact	tttcttgcca	agactg			396

<210> 114

<211> 385

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(385)

<223> n = A,T,C or G

<400> 114

ctgcgaagat	ggccgctgcg	tcctcatcgg	attccgacgc	ctgcggagct	gagagcaatg	60
aggccaattc	gaagtgggtg	gatgcgcact	acgacccaat	ggccaatatc	cacacctttt	120
ctgcctgcct	agcgttgga	gatttacatg	gggatgggga	atacaagtgt	ctctctagaa	180
gtgcctgggtg	tggaagaaat	gtttgctgaa	tgaataataa	aaacatcaac	tgccacttat	240
tcctcagtag	cacttacagg	ttctgtaact	cattatctca	cttgattttc	accacatacc	300
atgaaagtat	caccattctg	caagcgggaa	acctgagatt	cagaaagntg	gtggtagggg	360
accttgccc	tggtgggcag	caagc				385

<210> 115

<211> 487

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(487)

<223> n = A,T,C or G

```

<400> 115
tagtatactn aagttttcnn nnggaaagcn cccngncttt nagcaggatc ccatcgacag      60
caacggctgg tttatttggt caggcagtgc ttttacatga agacaaaaag aaacaaaaaa      120
caacaatat tttgagtccc cagtcaggta gcctttccag taaatatatg actcaggga      180
aagcctcagc gaagaggacc cagcaggaat catgaggga ggaaaatgca gcaactctaaa      240
tgccactca ggcgttccta ttcactcgga aaattaggtt catttcacag gacacagcag      300
tgtagatcag gcttcaactt aacatttaag ggaaatgtca gatttttttt taatttaatg      360
aaattgttaa tgaggaaaaa tttttaatat agtcttatct accacacatc cccatagatt      420
taaggatttt aatagaaagt catgatgtat gtatttaagc cacgttaaaa gaaaaaatat      480
actatgg                                           487

```

```

<210> 116
<211> 415
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(415)
<223> n = A,T,C or G

```

```

<400> 116
taataagatg ttataaaaaa ataacatttt aaaaaagaaa ggtccagacc ttaagcgcag      60
agctagaaca atatttttta aataatgggg ggaaaagggg gcacttttgt aatttttagaa      120
atcaggtagt atactttttt ttttttnnaa angggggttn nccttgtn gn taaggnggt      180
ttnaancncn gggnttaaan nantcntcnn gcttgggcnn ccaaangggg nggaattncg      240
ggctnnaccn ncngnnccna ccnggaaaac ggggttttna aancnggggt ancnnggccn      300
tttgaggant taaaaanata ntggntnaaa ntnnantagg gcngggccan ntcnnaangt      360
nnttngcann ggnggaaaaa nggccnnnaa tntnganttt ttttcccna ccctc      415

```

```

<210> 117
<211> 407
<212> DNA
<213> Homo sapiens

```

```

<400> 117
gccattcttt ggtggtaata tcatttcttg ttgcaaagat gatttgagac actaactacg      60
ttgtaaaatg ccccaaaatt accatgattt ccatcatagt ttaagtacta gttttcatta      120
ttgttggtct caaattcaga gatgaatagg aatgatggat aggatttatt taagtatata      180
tcttaggtat acattttatt agtgtgtgct gattaatgtg aaagttaagg tataaacct      240
agagacaact ttcagggaag aaaaaaagat atcatattaa atgttttaga agtagggatt      300
cccattctat attgaagata acatagtttc aacacttgat tattataatt ttttgggggt      360
gggggaacat gtaataaagt aaatgtgtgt agttgtagta gagttct      407

```

```

<210> 118
<211> 405
<212> DNA
<213> Homo sapiens

```

```

<400> 118
ccagcctggg cgacagagcg agactccatc tcaagaaaaa aaaaaagaat tttcattagt      60
gctggccggg tttcaaatgg caagggaaca tgggaactat catgtggcaa tgtagttagt      120
gttaaacctt gtgtttgtcc aaatcctgat ttatttttca gttcatatct ttctgggctt      180
gacatggctg atgggtgtagc tgaaaccctc ctaacactaa aagccattta atcttttctg      240
taataggagc agaaaatagt taatcatcca cctagtaata taagattact gggaatatta      300
tcttctatac attaaaacag ttctagtttg tagaataata ccatacaagt tttattttta      360
aattctagtt attttcagtg cttacttaaa tgtaattcta gaatt      405

```

```

<210> 119

```

<211> 418
 <212> DNA
 <213> Homo sapiens

<400> 119
 gtaattagta tttgccatat aaaaaatgtg gcttgagcaa gatgtacttc ctgagtgacc 60
 ctgggcaaat tatgtaagtc atccatgaaa tggaaaaaat aacacctatt tcttgggggg 120
 ggactaaata aaagtgtctt cttctgaggg tgtggtgcta aaatccttta cgttgggtca 180
 ttggatcctc atgtgtaaag ttacttagaa tggacggttg tcataatgaa tatgtggtaa 240
 atatttaatt cccttctaga gtgatgtgct gggccttggg aggtagagag atgaatcgaa 300
 agggaatcct ctgtctcagg ctcagcttct gctggagggg gaggcagata ttttcatgga 360
 ttattacatt cgaagggtga tatggtttgc tgtgtcccca ccaaattctca tctcaaat 418

<210> 120
 <211> 411
 <212> DNA
 <213> Homo sapiens

<400> 120
 gttttattaa ttggcagtgg aaattggaat gtgatttaag gaagaaaaca gacttttctc 60
 aaatggacca catcatctct cactcacagt gacaatgctg ctctgtaat tttgtaagaa 120
 ttcacacaca ccagctgtat ttggaaaagc catgtctcac tctcgaatct cagctgggtt 180
 tcaactgaaat tcttggaggg ctcatatttt cttccacgtg cctcttgatc tgttctgtct 240
 tgtggcaggg ctctaccagg agggagttag atctggggac acagtggctt ccaagttttc 300
 taaggttcat gtgaaacctg agtacattta caaagctgca agtggattct agtctgagt 360
 cttccaggaa aaaatcccgt ttggccaccg tgacctgcca aaagttctct t 411

<210> 121
 <211> 405
 <212> DNA
 <213> Homo sapiens

<400> 121
 ctacaatctt tgcataaat gaagaaaacc ttttgactgt tttttaaaaa tcttttttct 60
 tttctcaagt tctagggggc atttgcacat atatttgtac tcaacatttc atgggaaagc 120
 ggcagacctg agctgaggaa cagcgtgggc agggagggaa agaccaggg tctggacact 180
 tcttccaaca caaaaccctt cccaccacac ctctgtctcc ctccccctcg cccaccattg 240
 taaaataatc agaaacttgt tctattttgt ggcagtgaca atagttttat attaaaagaa 300
 aaaatacagt tttcatacag caaaatctat acaatatcat tgttttattt aatataaaga 360
 tcgctaccca ctttcttcc atggtccac cctccacgtt atttc 405

<210> 122
 <211> 419
 <212> DNA
 <213> Homo sapiens

<400> 122
 cacaccaggc atgtcacaac ttgtgctttt gcaccttaata cccttttact tgctactggc 60
 tcaatggaca aaacagtga catctggcaa tttgacctgg aaacactttg ccaagcaagg 120
 agcacagaac atcagctgaa gcaatttacc gaagattggc cagaggagga tgtctcaaca 180
 tggctttgtg cacaagattt aaaagatctt gttggtattt tcaagatgaa taacattgat 240
 ggaaaagaac tgttgaatct tacaaaagaa agtctggctg atgatttgaa aattgaatct 300
 ctaggactgc gtagtaaagt gctgaggaaa attgaagagc tcaggaccaa ggttaaatcc 360
 ctttcttcag gaattcctga tgaatttata tgtccaataa ctagagactt atgaaagat 419

<210> 123
 <211> 391
 <212> DNA
 <213> Homo sapiens

```

<400> 123
tatacatTTT taatacatTT tactTTTcct gcatggactg tTTTcttcac gttgagttgt      60
atTTtaagtT tTtcatggta aactTTTcctg agatgTTTgc taatgttaat ctgcttaata      120
gTTTtTTTtT aaattgaggt gtatgtacat acaataaaat gtgtatatct tggctgggca      180
tggtggctca cgcctgtgat cccagaactt cgggaggctg agacaggtgg attatggatt      240
cttaatTTac tacagTTtag tttatgttag ttggtTTtat tacttcccag gaaatgcaag      300
aaccgtacat ttagctcTTt acctccttct tgtcctTTgc cctattgatg gtatattTTc      360
ttataaacct ctaaagcaac agtattattg t                                     391

```

```

<210> 124
<211> 393
<212> DNA
<213> Homo sapiens

```

```

<400> 124
aacgaatatt gttagtagac ttaataagta acccatctgt atacatcact actTTTTaaa      60
tgtctgtggT tactTTTgac aataaaaatt ccaaatacaa ctgaagtcaa aattTTTcat      120
TTTTTTTctc tgacaacaga aatcaaaagt gcaattggTc attgtTTaat gttccaaaaa      180
ttcctTTtctg acttgaaaaa aaaatgttat tatagaggca tTTTactTTc agaagttaag      240
aattcctgca tatgagTTta gaaaactaat ggagttacga gttaccagcc tgtaagTTtt      300
tatcTTtagga aatatggcTT tctaaaggca tcattttattg tcagggaata aaaagtaata      360
aaataaaaaag tcatacTTTt tctgccctTT ttc                                     393

```

```

<210> 125
<211> 400
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(400)
<223> n = A,T,C or G

```

```

<400> 125
gtctactTTa atcatcaata tgctgtTctc tgaacatacc ttatacTTTc ctagtTcaca      60
tctaagataa tatgctTccc tctgcctgac acacctTaca cattctTaaG aaccagctT      120
tgacatcact tccatgaatc ctaacctgaa attaaactctg tcaatctTaa ttacagTcat      180
ctctgacctc tataaaagctg tacttgTTtg tagttattTa tctagcaatc tTTTctccac      240
tattagattg ttagatccta gaggacagag atcatcTTTt ataaatcctg ggtctcctTT      300
cacaatgtca ggctatagaa aaaatgatat tacctataat aatagctcag ttaatatggc      360
cattggaaat ggctgaatg ctctgnacta aggtnnccat                                     400

```

```

<210> 126
<211> 401
<212> DNA
<213> Homo sapiens

```

```

<400> 126
ctagaattga aactactagg tcaaatacatt cattTTTTct tTctctctca gaaaattctg      60
ccaaccctgg gaaatgccag tgTtactgtg tTTTcaccga cactggatgt tatcagtctT      120
tatttgTTgt cagtctgaga gtcagtcaaa agatgggaac tcagcattga atatgtaaT      180
tctgtaatta tgaaagtact atccttagga gaatatgtTc ttgtatttag gttgattTct      240
agccctTcca aaaatgagaa tTtctTtaca tTctctggaa ttccatgtcc taggctcagt      300
aatgaagcta atccctccct cctggggTTg tctgagtatt gtatcgaaaa ataaaaaatg      360
tctgacatag cttattaact ccattaacta tgtaggtctc t                                     401

```

```

<210> 127
<211> 397
<212> DNA

```

<213> Homo sapiens

<400> 127

cattacctga	aatattttatt	cgcgtcaaccc	cctctcccat	cctctgtgga	ttttactcag	60
agccagggaa	gttctgggtt	tctttgcatt	aacaaagtta	tgatgttttg	tggaatgaaa	120
aatggagcaa	ttcgagtcta	tgtcctaaat	caaaatgata	cttcattgac	cagtttggtg	180
gactactggc	acttcaatat	gcatgacaat	aattatggat	gtattaaaag	tattgctaata	240
agctttgatg	atcgtttctt	ggtgactgct	ggagcagatg	gcaatatctt	tgttttcaac	300
attttttctg	aatttatgct	aaggaaagac	atgaaggcca	aagttccatc	tcccaggttt	360
ggaattgaaa	cagagccaat	tccagaagac	attgaag			397

<210> 128

<211> 395

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(395)

<223> n = A,T,C or G

<400> 128

gtgtgatctc	tgcacacacc	agctcccctt	tgttttctgc	catgagtggg	ctgaggctct	60
cacaaaaagc	caagcaaagg	ctggcaccat	gcttctagta	cagcctgcag	aactgtaagc	120
caaataaact	tcttctttgt	tttttttttg	ntnggtttgn	ttttttttca	gaaaattacc	180
cagcctcagg	tnttcnttaa	canoncaaaag	gggctaaaac	acagggctct	agggatagca	240
ggcccctgng	ccaanccaaa	ncttaaatnt	caactgttaa	tgcagganga	ttngtattga	300
accatnaatt	ttacactgcc	tctcaatgnn	ggngncagca	tttaagggta	tttaaaaaat	360
acancctgaa	ggttcataaa	ggttcattta	aaaaa			395

<210> 129

<211> 383

<212> DNA

<213> Homo sapiens

<400> 129

gtggccatca	agccaatgcc	tttggtattt	tcttggaact	accttggaat	ggagaaaagt	60
taatcagttt	ccagaaaggt	aagagaccca	gtggagcagg	gccttttgag	aatgaaaact	120
gaccttttct	ttcactgtta	ttgttgtgat	ttccctggaa	atatattcac	ccccagtttt	180
octggggcaa	tataaagttg	ttcattttgc	tggcttgga	atgttattct	ctctccttgt	240
tttgaagtgt	taaatgtgtg	gttttcaaaa	tgcatttctc	aaaccactct	acggaaagac	300
agcaaataat	ctgataaaaa	aatgttcaag	gatgcctgta	atcccagcac	tttgggaggg	360
aggccgaggt	gggcaaattg	ctt				383

<210> 130

<211> 372

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(372)

<223> n = A,T,C or G

<400> 130

cgacagcaac	ggatctgtta	tctcaacttg	agctttccca	aagcctaagg	acggctcctg	60
cctgtaaact	ccaagatgtc	attttctctg	tttccatcac	accacttca	tcagtcgctt	120
tcctaatte	tcagggagcc	ccagagcatg	tgccttccc	caccttgctt	tactcagccg	180
ctcctggact	gtctgtccaa	cctcatgact	cagccgggct	tcacaccage	gccctcagca	240

aacaaacacc	aattggaact	cttgaccaga	atattttctaa	atgtcagctt	gtcctcacc	300
tccacgcagc	tggtgcttct	gttcccagga	gccattatt	ccacatggtt	atgactcang	360
gcactgaatc	gt					372

<210> 131
 <211> 392
 <212> DNA
 <213> Homo sapiens

<400> 131						
gagatgatgg	ctgatgaaga	ggaagaagtc	aagccgatct	tgcagaaatt	gcaggaactc	60
gtggatcagc	tctactcatt	tcgagactgc	tatttcgaga	cacatagtgt	tgaggatgct	120
gggaggaagc	aacaggatgt	gcggaaggag	atggagaaaa	ccctacagca	gatggaagaa	180
gtagtgggtt	ctgtccaggg	caaggcacia	gttctaattgc	taactgggaa	agcactaaat	240
gtgactcctg	actatagccc	taaggctgag	gagcttctgt	caaaggctgt	gaagctggag	300
cccagagctg	tggaagcctg	gaaccagctg	ggtgaggtgt	actggaaaaa	aggggatggt	360
gcagctgcca	cacctgcttc	tcaggagccc	tc			392

<210> 132
 <211> 396
 <212> DNA
 <213> Homo sapiens

<400> 132						
gctttacttc	tgattgagct	ctgttattct	ctggcacagt	cttcctaaga	ccaattaata	60
gtgatcatgg	cagtcagcct	gttatcttag	gattcaaaga	aaatatctac	ataaatatag	120
cagtcaatcc	attgaagtag	tgactacaat	actgaacctg	aataaaattt	agtttactaa	180
atgaagatat	gcagattcaa	taaatgatta	tggaaccaaca	tttcatcagc	aactgctata	240
aatgtgaaaa	atcattattt	ttcatatata	cacatgatca	tcagaccac	taaaggtaat	300
tcattgtgacc	aaaactttct	gctgctaaga	gattaaaatg	catgttaatc	agtagaattt	360
aagaaagcca	gagtaaaatg	taaattgtga	tgaat			396

<210> 133
 <211> 415
 <212> DNA
 <213> Homo sapiens

<400> 133						
gtgtgtgtgt	gtgtgtgtgt	gtgagagaga	gagagagaga	aagaggtgtg	tatctgggtt	60
atgagtcac	atacagcagc	ttagcttagc	cctaagtggg	cattctcaga	gttacaagag	120
cagcaagagg	gcgagcccca	gtggccagat	gcaatggtgc	ttttgaagtc	tgcataggtc	180
atgtttgtta	ttctcatgtg	gccaagtcca	gagtcagtgt	ggatttacct	aagtgtctgg	240
atacagagag	acatgaacaa	atttgggggc	atcactatgt	cagtctacct	caaaagctct	300
tccaattttt	aattgttggt	aactaataaa	aattaataag	attttaggtg	ctaactttgc	360
agggttaaca	aaacctgcag	tgggctagat	ctgccttggg	taaccatttt	atcat	415

<210> 134
 <211> 419
 <212> DNA
 <213> Homo sapiens

<400> 134						
atcaccacta	attccagaac	attgacatcc	cagtaagaaa	ccccataccc	attagtcact	60
ccccattcct	ccctactccc	agccgctggc	taccactaat	ttactttctg	tctctatgga	120
tttgctgatt	ctggacgttg	catataacta	ggaacataac	aacatgctac	tagcttcttt	180
cacttaacat	aatagttgca	aggctcatcc	atgctgtagt	atgtttcagt	actttcttcc	240
tccccctacc	cattatacca	tttactgatg	atagaattat	actggaaaac	tgtcacaaaa	300
gaacaatctt	tgaatagaac	cgtttactaa	gtgaaacatt	tcttgaaata	taacatgcga	360
aagattgtca	aacatgtcag	catagaagcc	cttggattta	tataaagact	ctcgcgagg	419


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<210> 135
<211> 408
<212> DNA
<213> Homo sapiens

<400> 135
cttaatatag gatataagag ttttcttggga ctttgaactg tggacaaaat ctacaggaag      60
gggaagaggt gaatattcca aatcagacac tggcaagagc gaaggtgcag agacaggtat      120
gttcgtggat ttctgggcta tggttaacga atagaccatc tggagcacat gggttgatttt      180
ggcgtcagta gaaggctaag ttggaaagggc aggattacat cagatttttg agggcttgaa      240
tggttaagggg gggaggggaag tctttcactt ttatcctgca ggcaatagag agccattgaa      300
aattttttatt ttcggtagtt tattaggaag atgaatctgc cgagtggggt ggaaacaaga      360
aagattggaa gataaaccaa ctggataggg tcgtctggat ttcaaata      408

<210> 136
<211> 404
<212> DNA
<213> Homo sapiens

<400> 136
gacgtggcct gtggcacagg cctagtggct gccgagctgc gggctccagg ctctctccag      60
ctgcatgggg tggatgggag cccagggatg ctggaacagg cccaggcccc cggcctctat      120
cagcgctca gcctctgcac cctgggccag gagcctctgc ccagcccgga agggaccttc      180
gacgcggtgc tgatagtcgg tgcctcagt gacggccagg tgcctgcaa tgcgatacct      240
gagctacatg tcaccaagcc aggtgggctg gtgtgtctga ccaccaggac caactcgtcc      300
aaccttcaat acaaggaggc tctggaggcc accctggaca ggctggagca ggctgggatg      360
tgggaaggcc tgggtggctgc ctgtggaccg ctgtggaccg ctgg      404

<210> 137
<211> 421
<212> DNA
<213> Homo sapiens

<400> 137
ctataatgaa gaggtccttg acttatttga taccactcgt gatattgatg caaaaagtaa      60
aaaatcaaata ataagaattc atgaagattc aactggagga atttatactg tgggcgttac      120
aacacgtact gtgaatacac aatcagagat gatgcagtgt ttgaagttgg gtgctttatc      180
ccggacaact gccagtaccc agatgaatgt tcagagctct cgttcacatg ccattttttac      240
cattcatgtg tgtcaaacca gagtgtgtcc ccaaatagat gctgacaatg caactgataa      300
taaaattatt tctgaatcag cacagatgaa tgaatttgaa accctgactg caaagttcca      360
ttttgttgat ctgcaggat ctgaaagact gaagcatact ggagctacag gcgagaggca      420
a      421

<210> 138
<211> 475
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(475)
<223> n = A,T,C or G

<400> 138
ccgattnttc natnnnactt ctggaaatcc cncaggattn atcgattcga acccgttgct      60
gtcggcacca ttgcactcca gcctgggcca caagaatgaa actccatctc aatcagtcag      120
tcaatcttgc agatattgga gtgtttcaga tttcagattt ggggtactta aactgtacgt      180
gaaaattagc tgctggggag gagaggaatt ggaatatgta acatggactc ccacatttta      240
aggatttttc taggactgca tctttctctt aataagtcag atccttattt gggtgaaaat      300

```

gtttactgca	tgactatcac	tgactatgta	agatgctgat	gtacaactct	atgacttgaa	360
gattgagttg	cttctatggg	aatatgacac	catttgaatt	aatttgggtct	caatatttta	420
aagaagttta	atgaattctg	ttcatataaa	atcaagggtca	ataatgcggg	ctttt	475

<210> 139
 <211> 485
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(485)
 <223> n = A,T,C or G

<400> 139						
tttgaactcc	ataatacaag	ctntnagatc	ctttngccng	atcccatcga	ttcgggcttc	60
cgttatggtc	ttttcccatt	ttttttttga	cttctaaatc	ctttgcattt	tcgtataaaa	120
tttgaagtca	acttctatca	acttcaggcc	aggcccgtgg	ctcgtgcctg	tataatccca	180
gcactttggg	aggccgaggg	aggcggatca	cttgaggtca	ggagttcaag	accagcctgg	240
ccaggatggg	gaggcccat	ctctactaaa	aatgcaaaaag	agttggccag	gcgtgggtggc	300
aggcgccgtg	aaaatcccag	ctactcggga	ggctggggca	ggaaaattgc	ttgaacctgg	360
gaggtggagg	tttcagttag	ctgagatcgt	ggcattgcac	tctagcctgg	gcaaccaaga	420
gtgaaactgt	ctcaaaaaaa	caacttttat	caatgctgca	aaaanaaagc	ttctgggatt	480
tataa						485

<210> 140
 <211> 397
 <212> DNA
 <213> Homo sapiens

<400> 140						
ggcggtcac	gcctgtaatc	acagcacttt	cagaggctga	gtcgggcgga	ttacttgaga	60
tttgggtctca	atctcctgac	ctcgtgatcc	gcctgcctca	gcctcccaaa	gtgctgggat	120
tacaggtgta	agccaccgcc	cttggcctgt	ttttgttttt	aagagatgag	gtctcactgt	180
gttgcccagg	ctggacttga	actcctgggc	tcaagtggtc	ctcccacctc	agccttccaa	240
gtagctggga	tttataggca	caggtgtgtg	ccaccgtgcc	tggctgtgga	gggttcttca	300
gaggcagagc	cctgggttgg	tttgaatcct	tcatgctttg	tgctgctacc	ttggttcact	360
tagtacagag	ggcaggggga	gtggaaaggg	agaagtg			397

<210> 141
 <211> 399
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(399)
 <223> n = A,T,C or G

<400> 141						
attcgacatt	gcaccacgaa	atgcagtgtt	cctgttggtc	tctcacagat	gccgtctatc	60
aggctgggga	ggtttctttc	tgctcgtttt	gctgagagtt	ttaaatttca	tgatgtantt	120
gtccactgca	gaaacctanc	anaaaactan	ncaaattaca	ccccaaanca	atagaattaa	180
atngattntc	aaatgntaaa	ccaactctgn	tcctgatgtc	ttgggtgggt	tggtctcgctg	240
tttctnaaaa	ctcttgantt	cacattcctt	nacgatgttg	gaannnaant	ttttgtgntt	300
tncatttggt	angnagnatt	ntttaatggn	ntnttncnaa	ctannccagt	tgntttttta	360
nnnaccanna	ncnctcccan	ncctattttt	ntngtgga			399

<210> 142

<211> 370
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(370)
 <223> n = A,T,C or G

<400> 142
 gcccaaaagc gggccagcct gctggagcgg cagcagcggc gagcagagga ggcgcggcgg 60
 cgcaagcagt ggcaggaggt ggagaaggaa cagcggaggg aggaggccgc gaggctggcc 120
 caagaggagg ccccgggccc agccccgctt gtgtccgcag tcccgatggc gactccagcc 180
 cctgctgccc gggctccagc cgaggaggag gtgggcccc ggaaggggga agngtnggaa 240
 gtntttntn ancncntcc cnangnctt tnttctcnnn gancnnncat ttgtactttt 300
 tantntnncn ncnnnanctn ntattcatnt ntncaaaanc caccatnntc nngtntntaa 360
 nancnttaac 370

<210> 143
 <211> 418
 <212> DNA
 <213> Homo sapiens

<400> 143
 ggcccttctt cacagcagat gtatgatgat tccctggacag tggtcaggat attgcctttt 60
 tgtggaactt ttaacagaaa aggtaactga aggtttgagc atgtcccctt tacaggggccc 120
 atctttcccc cacctgtgta gaggtacatg ggtctttcag cggctcaaac aacacaccta 180
 agtgtccttg agtctcacct tattgtgagt gttgcttgta agcagtgttg tactaaatt 240
 tatttcttct ttaatttggg aatttaccag aatatcttct tttctagcct cgatgattat 300
 agctcgttga aatgcctgaa gcatttttga tttcttctct cttgctcatg agaattattc 360
 caaaaaaaaaa ttttggtctc caccagtgtt aaaaattggg ctgtacctaa ggttacag 418

<210> 144
 <211> 404
 <212> DNA
 <213> Homo sapiens

<400> 144
 gcattttgta aagtgaaaaa aagctggtga aatgatgaac agtgggttaaa actgaacatg 60
 agaggggaaca aggaatacct tgtggtgtaa aatctctgtg cttagctgtg ccaaagaatt 120
 tttttcagga aaacttgac aagatcttgg cagtgggtgc ttgggcttta tctttttaag 180
 taagtgttca ttactgctta catcattgtt gctattatta ttttgataag tgtgcattgc 240
 caaggatgct ctgtgtcagg ggttctccaa ctcccatgtg cagcagaatc acacacaggg 300
 cttgtgaaaa tcgcagagtc cataactccc ccagagaact ggattctgca ggtcttgtct 360
 tggaagctgc aattttggcc tttgcattaa ttaaaatttc ttgg 404

<210> 145
 <211> 367
 <212> DNA
 <213> Homo sapiens

<400> 145
 gtgacatctg aggaattaaa tcatacttcc agatgggttg gtctaattga tacagtttag 60
 gaaagtttat tcttttttat tttattttat ttttttaaat ttcttttaga aactgggttt 120
 tgctctgttg cccaggetga tcttaaactc ctggcctcag atgtggagac ccagctggga 180
 ctacaggcat gagccaccac gctcagtaga aagtttggtc tttttcagtt ctgtcattga 240
 aattctctaa gtgattggat ttttaaacc cttccccctt tcatgaaatt aaacatcaaa 300
 taaataaaac tacattatat aattatttag tcagaaatga ctgttgccct ctcttttttt 360
 tttttttt 367

<210> 146
 <211> 392
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(392)
 <223> n = A,T,C or G

<400> 146
 gacagttgaa gacgacttac tgctccaaaa accatttcag aaagaaaaac atggaaaggt 60
 ggcccataaa caagttgcag cagaattgct ggatagggaa gaagcaagaa atagaaggtt 120
 tcattctcata gctatggatg cttatcaaag acatagaaaag ttcgtaaatg actatatttt 180
 atactatgggt ggcaaaaaag aagacttcaa gcgtttgggg gaaaatgaca agacagactt 240
 ggatgttata cgagaaaatc atagattcct atggaatgag gaggacgaaa tggacatgac 300
 ttgggagaag agacttgcta anaaatacta tgataaatta ttttaaggaat actgcatagc 360
 anatctcagt aaatataaag aaaataagtt tg 392

<210> 147
 <211> 376
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(376)
 <223> n = A,T,C or G

<400> 147
 attccttttg gacacaagcc aagtttttcgc cctgtctcct gagaccattt ccctacgctt 60
 tgctgctgct gagagttacc tgaggcactt gttaaaaatt cagactccca ggccctccc 120
 ctcgagagag ctgataaaact ggggtctggga aggagcctgg ggantttaat tattcacaag 180
 atgccccaga tganactcat caccaagcaa attttggaag angctgncaa cagcgccent 240
 aaatcggaag cannttngna gannnnatat ngaananana atcangggcg ntatttagct 300
 nncaaggnt naagancann caggncggan anggancann ngncnagaga cnacnntnt 360
 nnangacnnn caaaca 376

<210> 148
 <211> 388
 <212> DNA
 <213> Homo sapiens

<400> 148
 ccgttgctgt cgcactgaag tccccaaact tgtcttgatt ggccctcctct cttcagggaa 60
 attgagaaga atgagagaac cagtgatata agaggagatg gagggagaa agagcctaag 120
 gatatggaag aataaaggaa gaaagtatgt gatttaaaga agaggagaaa ggagagagag 180
 aggcagttaa atctggggat gtgggataat agacttctaa ttttgggctg agtagaaggt 240
 atattttggg agaagttcac acttggtttt tttacttgcc caggaaccca tgggtgtggc 300
 cattgtgtga tttgaaaggg tgaaatgcag gggtatgtat gatcagaatg gccaacacac 360
 atatagccag gagtgttcta gagacctt 388

<210> 149
 <211> 408
 <212> DNA
 <213> Homo sapiens

<400> 149
 gctgaacgcg tgccgcgcgg ccctcacggt gcttaggctg ggtgcaacct agaacggagg 60

ttccttttctg	accgtacatc	cagggtttgca	cagcgcgctt	atgtccctcc	tccaatctga	120
tcttgaccca	gctctgcagt	agttttttctt	attatcctca	ttttacggag	gagagggagc	180
tgtggcttaa	agaagttaag	agacgtgtcc	aaattcatac	aacctgttgg	gcacctcttt	240
atcccgaacg	ctgttctagg	ggataggggt	agtgaacaaa	aaacgcaaaa	gcccctgacc	300
gctgggcct	tacatctatt	aggaggagga	agacagataa	actaaggctc	gtgcaaagga	360
gaaaaataaa	gcaagggtgac	tttctgcaga	cttcggactc	accagtgg		408

<210> 150
 <211> 450
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (450)
 <223> n = A,T,C or G

<400> 150						
tttgnncnt	naaanncngct	acttganctt	tttgcaggat	cccatcgatt	cgcttgagaa	60
ctcatcattg	tttgaagggc	ccttgccata	gaacttgtct	ctaaattctc	aagctctgag	120
agagaatctt	tactatgaag	ctggcaaaaat	gcttgccatt	tctttagttc	acgggtggtcc	180
ttcacctggg	ttcttttcta	aaaccttggt	taactgcctt	gtttatggac	cagaaaatac	240
ccagccaatt	ttagatgatg	tttcagactt	tgatgtggca	cagattataa	tcaggataaa	300
tactgcaaca	actgtagctg	acttaaagtc	aataataaat	gaatgctata	actaccttga	360
gttaattgga	tgtctcagac	ttataacgac	attaagtgat	aaatatatgt	tagtaaaaga	420
catacttggc	taccatgtaa	ttcagagagt				450

<210> 151
 <211> 401
 <212> DNA
 <213> Homo sapiens

<400> 151						
cattaaagtc	actaagaata	accatTTTTT	ccagtatata	tggaatatac	acaaaaaaag	60
accttatcct	ggaccataga	tacattttta	caaattccca	aagatttata	ttttcagaga	120
ctgttttctg	aataataata	ataaattaga	agtaaaaaaa	attggaaaat	tcctaattat	180
ttggaactta	aacatcatgt	ttgtaaatat	ccctgagtga	aaataggtct	aacaaaaaat	240
ctactaaaat	aagtctaata	aataaatTTT	gaacatatTT	tgaattaaCT	gataatgaga	300
atataccagt	gataatttga	gatgaaacca	aagcattcct	agaaaaaaat	taataacttt	360
aaaaatcctg	gcaagtcaga	gtggctcatg	cctgtaatcc	c		401

<210> 152
 <211> 410
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (410)
 <223> n = A,T,C or G

<400> 152						
ttccttgtgt	atTTTtgata	ttAACccctt	accagatgta	tggtttgcaa	acattttctc	60
acttaaagt	gtatgtttta	tgtaaggaga	ttgcaattat	aattttactat	attgttcttc	120
attattgttt	gagctaaaaa	ttgttaaata	cgcataatga	cttgaatata	ttatacatTC	180
acatttatgt	tatgtattta	cttatatctt	gttataaaTC	acgtgaacac	aaattttactc	240
ttaaactcag	ttaaactacca	aaacttgaag	tgTTTggaaa	tcaaatttTg	gtgttttcca	300
tgtgttctgt	tgtatttttt	taatggntgn	tccagaacta	agcgagttgc	atattcacag	360
ggccaagaac	agctgagaaa	cctatcttga	gtaattggga	agaactgagt		410

<210> 153
 <211> 373
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(373)
 <223> n = A,T,C or G

<400> 153	
caagatttca tctattgaat ttgggtacat ggtatgtttt agcagcgttt ttgttttttt	60
ttttcttctt acncccaggn aaaaangctn tagnatttgn gaatgttggc agcaaagac	120
tgtnctttac anagggttct ntgtctcccc aagnacccaa atgtggngac ctggnggcnt	180
caggacagng nggntcaccc caggaanccg gggganaacc cgntgcacta angctgtggt	240
tgccttngga gggtgccctn actttnaggc canctaacct tgcctccccct gtttaaaaaa	300
ncntttnnat ncnanngggg aaccnncnca antnccccn aantnnaant ctngncctn	360
ttnnnttcc ccc	373

<210> 154
 <211> 368
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(368)
 <223> n = A,T,C or G

<400> 154	
gaagactcaa taatgtcatg tcagttcttt ccaacataac catatattct gtgcagttta	60
tggacttgct aaattgagat gcatttaata taccacatca aaatcccagc aaatgatttt	120
gtggatatct ccatangent annacaccta nnaaaccagc aatantacta acatcnttgn	180
aanttggaat acgacactac ctgacttnaa nattttactgt acgctgcctt aatnatngnt	240
tnacngtcng gngnnttaat atacatctaa atctttatnt ctttntttna aatnnnnana	300
tnntnancnn ccnnttcntc ntttgatnnt tnctnnnaag cttatgnttt tctttatnaa	360
nanttcct	368

<210> 155
 <211> 380
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(380)
 <223> n = A,T,C or G

<400> 155	
gaaaatattt ctaaaagcat caaagagatt ctagatatgt gaacttccat gtaaataatg	60
gtcattattt acaattaaga aatcctggcc gggcgcggtg gctcatgcct ataateccag	120
cactttggga ggccgaggtg agtggatcat gaggtcaaga gattgagacc ctctggcca	180
acatggtgaa actctgtctc caaaaatata aaaattagct ggggtgtggtg gngngcactt	240
gtngncncgg tncttganag gctnaggcan gaaaattgnt ttaancntgn ngggggaatn	300
ccnantnnnn ngccccaaaa aaaanntttt tnnggnaatn nggggggggn tccttttttn	360
ccnntcntt tttttttttt	380

<210> 156
 <211> 461

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(461)
 <223> n = A,T,C or G

<400> 156
 tcgaannact ncgnaaacnn ctacttgntc tttttgcagg atcccatcga ttcgggttcac 60
 ctgcagccct tgccctgagga taagggttat gattgggtaa agatcagaat accagggcca 120
 gctaaggcaa cgactccctc cccaaaccct tgggacctca gccagtccca aggctgccct 180
 gacaatcagg caggctcccc accgtgaggt tantttttnn tttnttttcg nnacncnntt 240
 cnntcttttt tnttttngtg gnnacacanc ttttactntt tcattcctcn caangtgnt 300
 nttttaanaa nanancactc nttngtcenn tngngnnan gngtattnn ncnntntn 360
 taantanaaa tagtngnntn ggctctnct nnntcagnan aanaaatntg gntatnaaa 420
 nntccttct atgcnggggn aantnanngc actcnnaaa a 461

<210> 157
 <211> 403
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(403)
 <223> n = A,T,C or G

<400> 157
 aactgaaaaa gaaggatcag tcattgagaa aactacaaca ggaaatggac agtttgacat 60
 ttcgaaatct gcagcttgcc aagagggtag aactacttca agatgaacta gctctaagt 120
 aaccacgagg caagaaaaac aagaaaagtg gagaatcttc ttctcagttg agtcaagagc 180
 agaagagtgt ctttgatgaa gatcngcaat cnacgataga agagaatgac cntntttata 240
 cnnntggntt gatctnnnnn atangncnnt tttttnntc nttnttgcca nnanaaaac 300
 ttntttttnc anttcccnc cnnnnnnnnn nttntnnng gntnctcat aaaannant 360
 tantttcttt tnnaacnnnn nnttntttnn ncnnttttt ttg 403

<210> 158
 <211> 407
 <212> DNA
 <213> Homo sapiens

<400> 158
 aaaatattaa acacaaacta ccacctacct cccgggccct ggaatacagg tttgaggata 60
 cagtgttggc agcttcaaga agagaagacc ttcttgccag gacataaaat gataccctcc 120
 tctgggagcc tgcttcgaat agtgggactc agggagataa gaccttcttg ctggatTTTT 180
 atgacacaaat ctctttataa ttttacaaat aaaggaaaaa agacctatgt aagatatgtg 240
 tgcccttctc cagggtgttc tgctggttgt ctgatgatgg tgtcagggca gctaaggaca 300
 ggataaaggc ctggagaggg tgcttggtgcc cttatgttat cagcaccgtt gtccataggat 360
 tcgtgagggg attctggaac caataaggga gttgaactgg acctgat 407

<210> 159
 <211> 420
 <212> DNA
 <213> Homo sapiens

<400> 159
 ggtatatgca aacaacattt aaagagctct tcttattaaa aaatttttaa ttataataag 60
 ttaaaattat aataatctaa gtgtttgtat tacttccatg ctacggataa ggaaattgtg 120

tctcacagag	gtttcatgcg	ttgggtcaaaa	ttacacaaaa	agtaaaaggc	agaacctgaa	180
aataagggtt	cacatcttag	gactccaaga	tggtatacac	at ttgacttt	tttgtcttta	240
aacttgctgt	gaacattttt	ccacttttga	ttcttaagta	taaatattaa	gtgccttctt	300
tgtatttcag	tattagggtt	ttaagtcttc	tacttccaaa	aaaaaaatta	aaagtaaaat	360
ttaacaagca	ttctaaatat	tccaattatg	aaatatattt	catattatga	gaattttctt	420

<210> 160
 <211> 382
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (382)
 <223> n = A,T,C or G

<400> 160						
ggtaagactt	atattccatt	gtggatgtat	gtgggaaact	ttaaattgtg	actttctttt	60
tttttngnan	acanagtttt	gctnttggtg	cccaaactgg	agngcagngc	cnaaattgcc	120
ccnttgcnct	ccaccctggg	ngatggaagn	naaacntgt	ntcancanca	ncaacaaatc	180
cnttgagta	gttnanctaa	agtacctaaa	taagganatt	tgaggngaag	gggnggtcca	240
nnggtntncc	aaaggaaaaa	gtaaaaanat	ttgggttaaa	tnntaaccaa	agnancaaan	300
aaaagagggg	agttaaaaaa	anacatctaa	anaggaggct	tancnttatg	aaaagtgcg	360
gaaatanctt	gntngtggtt	at				382

<210> 161
 <211> 429
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (429)
 <223> n = A,T,C or G

<400> 161						
gtcctgacct	caagtgatec	acttgccctg	gcctcccaaa	gtgctgagat	tacaggtttg	60
agccaccacg	cccggccata	aacatttttc	tttttggaac	aaaataacat	tattatagac	120
at ttttagaaa	atacaaaaaa	aagaaaagca	aaattaaaac	atattcctga	gtgaacattt	180
tggtttatag	tttttgagag	ttttccgtgt	ggataaaact	cggtggaaaa	caaaaacctg	240
aaaaaaaaaa	aaactaaaaa	anaanccttn	ggggtntctg	gncccnctga	aaanttnng	300
ggnggaaatn	cctattngtt	ttttcangtn	cntgttactt	taaatnaagn	ttttccancc	360
cgngggccca	anggggcccc	gganggtttt	aaangcggcc	cancataaat	gggnaaattt	420
ttttaaaac						429

<210> 162
 <211> 420
 <212> DNA
 <213> Homo sapiens

<400> 162						
aggactat t	tcacgtttta	atgccgagag	gtctctgtga	cgatttttgt	tggttgcaat	60
tagggattct	gtgaagtcag	taatagagga	gttgctgtgt	gaattagtga	tggtggtttc	120
ggggcatggg	gatgggggtc	tgtgacgtcc	gttgatgggt	gtctgtgaca	gggatttctc	180
gggtcattga	tggggctctt	tgggatgagt	gattgggggt	tgggggtcag	tgacgggagt	240
ctgtggtcag	tgactgaggg	cctgtagggg	cagctatggg	ggtcggtgag	gactgtgatc	300
agcttgcttt	ctgacctgag	ttgaaagtcc	agttctttcc	atttcagcct	gtaatatataa	360
gattaacaag	ttttgatgtg	tagcaagttt	cgtattgggc	aatctaaagt	gtttaaaaat	420

<210> 163
 <211> 417
 <212> DNA
 <213> Homo sapiens

<400> 163
 ataaacttca gacctgcatt tcagaatacc atccagaaaa tccattttga cctcctgtaa 60
 ccctccagct tagcatgagc aaacctaaac tcaactgtctc ctccagctca cttaacagaa 120
 tttaatccac ctatTTTTgt aaactagcaa ttctgaagat gttctgagct tcttctccat 180
 caccatatac actctcttgt tcatcaagta ctgataaatt ttttttaaga gacgggggtt 240
 tggtgtgtgt gcccgactg gccttgaact cgtaggttca aacagtcttc ctgcctcage 300
 ctcccaagta gctgggacta caggcaagtg ccactgcgct ggcttaattt tacttgagtc 360
 atgtgtctca aatctggcct ttcattcttg tccacacgca ggccttcate acctctt 417

<210> 164
 <211> 394
 <212> DNA
 <213> Homo sapiens

<400> 164
 atgtgtgaga ctgaattgtg ttccccaaaa ttcatttttt gaacccttaa tcccccatat 60
 gactattgaa aatagggcct caggtggtaa ttaagataaa atagagtgga aacctgataa 120
 gacaggaagg cttataata ataataagag ataccagagc tctctcttcc ttgtgagaac 180
 acaacaagaa ctcaagttca ccattgccag ctaattttgt attttttagta gagatggagt 240
 tttattatgt tggctaggct ggtcttgaac tactgacctt aggtgatctg cccaccttgg 300
 cctcccaaag tgctgggatt acagacgtga gctaccatgc ccggcctctt ccagtctatt 360
 ttctaaccctt atttacactt ctccctcaca ctcc 394

<210> 165
 <211> 417
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(417)
 <223> n = A,T,C or G

<400> 165
 cttcaccctg atctcccaaa tacaaatacc tatgtaacca tattataata atcaagatta 60
 agaaattaac atgaatataa tcaggaaatc aggcatctact attataaaat ctattaactg 120
 tacttaaat ttaccagttg tccactgat gtctttcttc tgggtctaaa cccaattcag 180
 gatcacatgt tgcatttagt tacttttaat ctggaactta tgaacacttt gacaaatact 240
 tgtcagtatt ttgtatatcc tctctcattt tgggttttgta ttgcattttt catgggttaa 300
 ttcagggttag gcatttttag caaaacatca aagtcagtgt cctcagngaa tttccatgan 360
 ttggccctt actggtgatt ttaaccttga tcaattgnta aggggganct gncacat 417

<210> 166
 <211> 493
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(493)
 <223> n = A,T,C or G

<400> 166
 gaaaaaaaaa nttttgaaac ccctttggna cncnttaata caagctactt ggtctttttg 60

caggatccca	tcgattcgca	acaaatcatc	ctggagctag	cattgcactc	tcgagaccct	120
ctcttaataa	ggacttccgg	gatcacgctg	agcagcagca	tattgcagcc	caacagaagg	180
cagctttgca	gcatgctcat	gcacattcat	ctggatactt	catcactcaa	gactctgcat	240
ttgggaacct	tattcttcct	gttttacctc	gccttgacct	agaatgaaga	aaacatttgc	300
gatggaaaag	tgactttgtg	atatcaaatg	ccaaagctac	tatcattcag	tgctacatga	360
actgtgactt	taagaatttt	ggtgaacttt	gatatttttt	gtttgtctga	aagaaaggaa	420
tgtgtaagt	aaagctgaaa	gaagaataac	caggatgatg	agagctgtgg	aagctgtatc	480
gccaaggaat	tga					493

<210> 167

<211> 414

<212> DNA

<213> Homo sapiens

<400> 167

ctggctccta	ctacctgtct	cactgtgttt	cctactactc	tcctgccctt	tctcctctta	60
ataaacactg	ggctcatggt	gtttccttta	acatgccagg	catgcttgac	cctgtcctgt	120
ctcagggccc	tgctgttccc	tctgcctgga	acattcttcc	catagtgtct	gcatggctcg	180
ctctctcact	gctttggatt	gctgctcaaa	agtcacctta	tcaaaggcct	ttcccaaagg	240
tttaaaaatc	attctactat	aaagacacat	gcatacatat	gtttatttga	gcactattca	300
caataacaaa	gacttggaac	caacccaaat	gcccatacat	gatagactgg	ataaagaaaa	360
tatggcacgt	aagcaccatg	gaatactatg	cagcataaaa	aagaatgagt	catg	414

<210> 168

<211> 487

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(487)

<223> n = A,T,C or G

<400> 168

ttggannccn	tttgagnacn	ntanaataca	agctacttgt	tcttttttga	ggatcccatc	60
gccttactct	tattttgctta	gcttgggggt	tcatcaaagc	aggcacattt	gcaagaagtc	120
atctacttat	tgaacaactc	tcaggaaaag	acataaatgt	cattttgttt	tcaccttcta	180
tgaatcatag	ttggtatctt	caacagagac	agcaagtgca	aaatgtcttg	aaaaatctct	240
gagttagaaa	agacttacag	aaaataagca	aatttaggtt	aaaaatgccc	catctctctc	300
ttttcttgaa	acccagacat	acacacacag	agtcactctg	tttgcttgca	attttaatct	360
ataaaaggta	ctcataggta	atttaaattc	tagtgaatca	tccctttgga	aactaattga	420
aagntttttt	attttgaaat	atcaaggcat	ttttctttta	aattctatan	gaagtanggg	480
cttcagg						487

<210> 169

<211> 452

<212> DNA

<213> Homo sapiens

<400> 169

actatagaat	acaagctctt	gttctttttt	caggatccca	tcgattcgtc	ataatgtaag	60
agataattta	ggccaaatat	tgacttggag	tattaaacag	attttgtaaa	actgaaaaac	120
aaatggaatc	aagtgagtat	attttggata	ctttgaaaac	aaaaatacat	agtcataatt	180
gggcttttgt	aactagttac	agaatcaaga	aagcttgaag	aagtttgaag	gttacactgg	240
ctaatacatg	ttaaaatata	atggaaatag	aaacataaga	agttacattg	ataattctct	300
aagggtttgt	gtaatgggaa	aaaaacccaa	taatttttagt	gactatcata	ttccttttac	360
tacatctttg	ggtgtatagt	ttaacttcga	acactcactg	atttcaggcc	attcagtcct	420
tttggcaaac	caacataaaa	atcttttttt	tt			452

<210> 170
 <211> 154
 <212> DNA
 <213> Homo sapiens

<400> 170
 actgattgga actgtattat attaaaatac taaaaatcct aagtgtcttt cgtctttgcg 60
 gatgggaaag ggaaaaatgc tacctcgtag tggcttctga tgggaacagg acgcgggttc 120
 tgttgctgcc ttctctgtgc tttttttttt tttt 154

<210> 171
 <211> 413
 <212> DNA
 <213> Homo sapiens

<400> 171
 gttctggagg ctgggaagtc caagatcaag gggctgctct ggcaagggcc ttcttgcctgc 60
 atcatcccat ggtggagagt ggaatggcaa gacagatcaa gaggggacct aactggcctt 120
 ttataaggaa cccagttcca cagtaatggc attaacccat ccatgagagc agagccccat 180
 gatctaaaca ccttttatta ggccctgctt atactgttgc actggggatc aagtgtgcagc 240
 acttggactt cgggcaacac attcaaacca tagcaggcac ctttaataaag gtggaaaagg 300
 gatgtggcag ctacagtggg agggaaaagg tggctccctt agtgtgcttg ggaggagggt 360
 aagagatgcg tttgcagttc tcatggccgc agactgaagg ggcttggtta cct 413

<210> 172
 <211> 460
 <212> DNA
 <213> Homo sapiens

<400> 172
 tctagaatac aagctacttg ttctttttgc aggatcccat cgattcgcac atttcaagtg 60
 cttaacagcc tcatgtggct agtgactgct gtattggacg gtacagatat ggaacatttt 120
 catcatcgaa gaaagtccca ttggacaaca cttctataaa aagtttgaga gcaggaattc 180
 tcatttccat tcgtctgtag cttctatccc caaaggcaaa gaaactaaaa gagaaatgac 240
 tcattgaaga ttggcctctt tcctttctct aagacaaacc taagtaaaag cctgagcttt 300
 gagtcctatg ctacgacacac gggaaggaga tgtaataat taaaataaag ttgatatcct 360
 gtcttttagg agttcccttg atctcttgaa agagacacag ccccatattac attatttcgt 420
 ggatttcacc agcataagta taagtttttt ctgtaagtcc 460

<210> 173
 <211> 373
 <212> DNA
 <213> Homo sapiens

<400> 173
 atcccacaga cagcagccag ccacgtggac tcctccaacg ctcttcccag ggatgagcag 60
 ccgcccgcgtg acatgcttcg gcctgacccc cgggacaccc tctatcgagt gcctctgac 120
 cccaagtgcg atctccgccca cgtcctgcct gactgtccct acaaaccag ctatctggtg 180
 gatgggcttc ctctgcagcg ctaccaggga ctccggtttg ttcatctgtc ttttgtttac 240
 cccaatgact ataccgcct gagccacatg gagaccaca ataaatgttt ctaccaggaa 300
 aacgcctact accaagaccg gttcagcttt caggagtaca tcaggattga ccagcctgag 360
 aagcaggggc tgg 373

<210> 174
 <211> 390
 <212> DNA
 <213> Homo sapiens

<400> 174

cttttttttt	gtttggtttt	cttaatagat	gcgctctgac	tttggtgccc	aggctgatct	60
tgaactcctg	ggctcaagt	atccttcccc	ccttgccctc	ccaaagtgct	agggtttact	120
gcgtgagcca	ctgtgcctgg	cccagggttg	tcaatcttta	tctcattgct	tagagagAAC	180
ctcctctgga	aatcttcttc	tctcggtagc	ttattcctct	ctagtattgg	gtcctgagaa	240
ctccagagtc	ttagcctccc	tggacttctt	tctagcctta	tctccttgac	ttacaaaggc	300
tcctgaatcc	catgtgattt	cccccttctt	tgcaggatag	tttggaact	tcagtcagtt	360
aaactggttt	gatcaaaaag	cttacataat				390

<210> 175
 <211> 389
 <212> DNA
 <213> Homo sapiens

<400> 175	
gtttcagaag	ggcatgaaaa
ccgggagtg	gcgatgagct
gccctgccgc	cgcggtcttc
gaccggggtc	tttctgacct
cagacttcgt	cgctgcttac
gagcaggaat	cgcggtttac
ctgggcggca	gacaaaccaa
	agagcggaa
	60
	120
	180
	240
	300
	360
	389

<210> 176
 <211> 411
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(411)
 <223> n = A,T,C or G

<400> 176	
gaccacctga	ttgcctcttc
gaccacaga	aactatgaga
atgtgtcatg	cagcataggt
tttaaaggaa	tacagcaaaa
ctagacaatg	aagaagcagg
tgcagacct	gaacggatag
tgcttaaagt	atgtgaaggg
	aagcatgccc
	agatgaagaa
	agaaatgaaa
	a
	60
	120
	180
	240
	300
	360
	411

<210> 177
 <211> 449
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(449)
 <223> n = A,T,C or G

<400> 177	
tagttttgna	ctatagaata
gcttgccagc	tgcaggagcc
agaggagata	cgggcgcat
gttgagctcc	agttcggccg
acgctctgtc	tgccaagggc
ctccggtacc	tggtccgcac
cacgaaggaa	gccgtctgcc
	ttcggttatg
	attttaggaa
	caagtccaac
	gaggggtgtc
	60
	120
	180
	240
	300
	360
	420

aagcaagtta atggttgtgc taactcttg

449

<210> 178

<211> 365

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(365)

<223> n = A,T,C or G

<400> 178

gagagccggg	cggccgagga	cggcttccgc	aaggcccaga	agccctggct	gaagaggctg	60
aaggaggttg	aggcttcaag	aaaagctacc	acgcagcccg	gaaggatgat	aagaccgccc	120
atacgatgga	tagccacgca	aaggcaaacg	gcgccgtctc	ccaggagcag	ctgctcaaac	180
tgcnagaacg	ggtngtacgc	tgtgccaaag	aggccgcgaa	gacaaaagct	tantntgatc	240
antccctggc	aanctgnatc	gctcactcca	cgctacatgg	nggacatgtn	catgcctttg	300
anaccngcca	ngccntnnnn	cncagnggn	ttnttttctt	tanggtntgn	tnntcanctt	360
nttct						365

<210> 179

<211> 391

<212> DNA

<213> Homo sapiens

<400> 179

agaaagctta	cagaaaactc	gccctgaaat	ttcacctga	caagaactgt	gctcctggag	60
caacagatgc	tttcaaagca	ataggaaatg	catttgcagt	cctgagcaat	cctgataaga	120
gacttcgcta	tgatgaatac	ggagatgaac	aggtgacttt	cactgcccct	cgagccagac	180
cttataatta	ttacagggat	tttgaagctg	acatcactcc	agaagagctg	ttcaacgtct	240
tctttggagg	acattttcct	acaggaaata	ttcatatggt	ttcaaagtgt	acagatgaca	300
cttactatta	ccgtcgacgg	caccgacatg	agaggacaca	gactcagaag	gaggaggaag	360
aagagaaacc	tcagactaca	tattctgcat	t			391

<210> 180

<211> 401

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(401)

<223> n = A,T,C or G

<400> 180

gaggattccg	ctctttctcc	atcagtttca	tagccctgga	attgtagaaa	agctctgggt	60
tcaagaccat	tgatatccat	ttctgtcagg	gtgtcagaca	aagagaaaat	tgaccaactt	120
caggaagaac	ttctgcacac	tcagagcaaa	atttgaagg	tgtaatgata	gaaccttatt	180
attatcgata	gatgcaaaag	ctaattgaga	aataaggaaat	aaagacagaa	ctagataagt	240
atggagttaa	ctcattttata	tgtaaaaacc	tattttgagt	gaatcttatg	cccaaaagg	300
agaaagtggc	ttgccttata	taaacttatg	cttgcatttt	tacattgata	agctaatacag	360
gtaaagaaat	tcgagttggg	ctaccacatc	gtctagnggc	t		401

<210> 181

<211> 405

<212> DNA

<213> Homo sapiens

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<400> 181
tgcatatgtg atgagatgaa gtgaggtgag gtgaatgatt gtaggcgttg tgacataatg      60
tttggctact gttgactctc caacaggatg tcaggaggag gatcatttga ttcagggtgat      120
ctagatcatc aagtcgtgac agtggttgata gctaaatgtc aggagcaaag agtgtccatg      180
actaacaggc agcatggata tgctgggcaa agggatgatt cacatcttgg gcagcacacc      240
atgagatttc ttcattgctac tcataatgac atgcaattta aaacttataa agtgtttatt      300
tctggcattt ttaatacttt tggaccatgg ttgactgagg gtaactgaaa ccaaggaaag      360
caaaaccaca gataaggggt gactactgtg tgcccatttt tatta                        405

```

```

<210> 182
<211> 408
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(408)
<223> n = A,T,C or G

```

```

<400> 182
agaaaaaagg gtggatggct gaatacaagc tagtctcact tcactagaaa tgtccacatc      60
ctaatagtga acctgatttt tataagcatt taagtgtctc ttcattgttc ctttctacca      120
cattcagaaa ttgctacttt tcctttaaaa acattttaatt tttgttatat agattttcaa      180
gatgtggaat aaagaacttt atgtgagaga acagcaggat gcatatgaat tctttactag      240
tctcattgat cagatggatg aatacctcaa ggtagtaaaa gttgtacttt ccctctaact      300
ccctcaaact ctaattatag tatgagaata gtgcttagca tttgggggta ctatgaaact      360
gacgaatcag aaattgatta tctttaacat aagaactatt atnggatt                        408

```

```

<210> 183
<211> 439
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(439)
<223> n = A,T,C or G

```

```

<400> 183
ccaaagtgtg gggattacag gcatgagcca ccgtgcccgag cctacacgta tgcagataca      60
cacaaatata cacacacact gaaacatgca tgatgggtgtg atagggccta aattattgct      120
gtgtggctat tcctaattct gcccctttct cctggtttct aaggaacatc ctcttctggy      180
ccagctccca ggttctcctt gttgcacaga accaaactaa ttcactaata agagcagggg      240
aaaaaaaaaa aaantaagcn gggctngggg gctcaccccn gtaanccnaa aacttcggna      300
nactgancca gnannatggt ttgnncccgag gagtttttaa ccancngga naacaaaggg      360
anannctcat ttctaaaaaa naaaaaaaaa antttttttt antnaccnccn ggcgggggga      420
ccctgccttt tattccacc                        439

```

```

<210> 184
<211> 459
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(459)
<223> n = A,T,C or G

```

```

<400> 184

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tttganaccc	tttgagnacc	atagaataca	agctacttgt	tcttttttgca	ggatcccatc	60
gattcgaaaca	acaacaattg	cattcatttt	atgtttcagg	ttcaggggga	gggtgtgggag	120
gtttttataat	ncntnccgt	tcntgnggcc	natncnttgn	cccatanttn	ccttcttcnn	180
ccatttttnc	tatttngatt	ggaaccctga	tctacnggca	ctgnagcnta	atnaaatngt	240
atcccnttcn	ncgttccntt	ntnaaccttg	actttttann	tcantntntc	tnctgccgct	300
ttttcntnnn	ntaaaccnnn	cntnntacct	tgntaatctt	ttaggataan	ctgnangatc	360
nnencatctt	ntaaangnc	nncccccttg	aacgatnnnt	natncngtga	tccaccnatt	420
ccnntnngtc	cccccttnat	cggggngctgn	cagcttccg			459

<210> 185
 <211> 419
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(419)
 <223> n = A,T,C or G

<400> 185						
gctgggaagc	agagggtaat	aagtggcgcc	ttaagacaac	cctgtagcag	cagcagtggc	60
ggccaaagga	ggctgctcag	ggaacaagcg	gctgtagtag	tctgtggggc	gactggagtg	120
accgaagcca	aggcagttta	gtgcctctcg	tggtcttatt	ttttaacctc	tgactatgca	180
attctgaaac	ctccccatt	cgggggacca	gacagcctga	tagacacctt	ccactctcct	240
tcctcccgcc	gtggtctcga	gaacagaagg	atctctcctt	aacgcctttc	accatgaaga	300
ggaaagcgat	ggaggagctg	agcgctgatg	agattcgacg	gaggcgctt	gcacgacttg	360
ctggtggaca	gacctctnag	caaccacccc	actnaccttt	tcccanaagg	agaaccctc	419

<210> 186
 <211> 397
 <212> DNA
 <213> Homo sapiens

<400> 186						
aatctctatg	gagtggcctt	cctcctaccc	tagtgatggc	agttcctgcc	acagttattt	60
attttacctg	ctatgatcaa	ttaagtgtc	ttctgagatc	taagttagga	gaaaatgaaa	120
cctgcatacc	aattgttgct	ggaattgtag	ccagatttgg	tgcagtaact	gtgataagtc	180
cactagaatt	gattagaacc	aagatgcagt	ccaagaagtt	ttcttacgtg	gaactgcac	240
gatttgtcag	caagaaagta	tctgaagatg	gttggatttc	cctttggagg	ggctgggctc	300
ctactgttct	tagagatgta	cctttctcag	caatgtactg	gtataactat	gaaattttaa	360
agaagtggta	tgtgagaaat	ctggtttata	tgagcca			397

<210> 187
 <211> 413
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(413)
 <223> n = A,T,C or G

<400> 187						
ctcgggcgct	gacggcgggc	gtggcgctgc	gggtggcggc	cggtcggaca	agggcagtc	60
cggggaggac	ggtttcgtcc	cgtcggcgct	ggggaccgc	gagcattggg	atgctgtcta	120
tgagagagaa	ctgcaaacct	tccgagaata	tggagataca	ggtgaaatct	ggtttggaga	180
agagagtatg	aatcgactaa	taaggtggat	gcagaaacac	aagattccac	tggtgcttc	240
agtgttgat	attggaactg	gaaatgggtg	tttcctggnt	gaacttgcaa	aatttggttt	300
ctctaataatt	actggaattg	attactctcc	ttctgcaatt	caactttctg	gaagtattat	360

agaaaaagaa aggttatcta acattaaagt taaaggnaga aaactttttg aat 413

<210> 188

<211> 394

<212> DNA

<213> Homo sapiens

<400> 188

aaatthttcta	tataataata	ggctcatttt	aacttttaaat	ataaacactc	attatthtcaa	60
aagtaaaatt	aatgggttctt	ttaagtcata	agaggaataa	tgttataatt	cacttactga	120
agtgtttgtc	tcagactttg	taatgaatac	tttaaaccac	aaattaagtt	ctacatacta	180
tctatggata	aaaagaagtg	gtttgtataa	ttatctttat	ttttactaaa	ttaaaaaatt	240
taaagccaaa	atgttaggtc	aggattttaa	acaagcattg	ggtggacagg	gtgttgggag	300
taatggttag	attgaaactc	ggtgtcagct	ggttactgat	tgcatcccca	ctttaggatt	360
ttggtataat	taaagcaatt	aatgcaataa	aagg			394

<210> 189

<211> 398

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(398)

<223> n = A,T,C or G

<400> 189

gttttaattaa	aacaaagcat	cgcgaggcc	cgcgggcggt	gttgacgca	tgtgatttct	60
gcccatttgc	gtcattgccc	caatgtnann	atnatecntn	tnntananna	ccattggaan	120
nnnttaangg	tatattanta	nagtncaaaa	ntctctnatt	ancntacaga	nanggataat	180
ttaaatntcc	aangttggna	nattcatntn	tattangcna	ttntntnca	gatannngct	240
tngacncaag	tttnncaact	gnaatnttaa	agtatncatg	gttngtacct	atttnnaagtc	300
ngctttgaga	aaangagggn	tnctatnggg	ggtattgncc	atctnaccgt	nananctnga	360
aaaaaatgga	ctgaatgnnt	anaaacngga	ttaattta			398

<210> 190

<211> 409

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(409)

<223> n = A,T,C or G

<400> 190

atthttgatga	atgggtttgaa	taagthttgt	attctgtctg	tcttatgtgg	actgttctct	60
aagtgtcaat	tgggtcacgc	aggttgatgg	tgaagttcac	atctactatg	tcctttctga	120
ttatccactt	gttctatcaa	atattgagag	aatattggaa	atctccaacc	attatactgg	180
atthgtctgg	atagthttttc	aatectatga	acattcttaa	gctttgttct	gagatgcagc	240
taagttcctt	ggaaacagtt	ttgtgccctt	aagtcttgct	tttatgattt	gtttgggtggg	300
tgctcgagtag	tgctcagtg	agtgcatacc	attccccaca	actgaggaat	gaacgcctgg	360
gtatthtaac	ctatgcctta	tgagttatga	nttttnctgt	ctgcttggt		409

<210> 191

<211> 406

<212> DNA

<213> Homo sapiens


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<220>
<221> misc_feature
<222> (1)...(406)
<223> n = A,T,C or G

<400> 191
gccgccgcca tggggggcctg cctgggagcc tgcctccctgc tcagctgcgc gtccctgcctc      60
tgcggctctg ccccttgcac cctgtgcagc tgcctgcccc ccagccgcaa ctccaccgtg      120
agccgcctca tcttcacgtt cttcctcttc ctgggggtgc tgggtgtccat cattatgctg      180
agcccgggcg tggagagtca gctctacaag ctgccctggg tgtgtgagga gggggccggg      240
atccccaccg tccctgcaggg ccacatcgac tgtggctccc tgcttggeta ccgcgctgtc      300
taccgcatgt gcttcgccac ggcggccttc ttcttctttt tcaccctgct catgctctgc      360
gtgagcaagc agccgggacc cccggcttgc catccanaat gggttt      406

<210> 192
<211> 396
<212> DNA
<213> Homo sapiens

<400> 192
ctcaccggtg gctacaacct ggccagcgtg agcgtgtggg acctggcggc gccctccctg      60
catgtgaagg agcagttgcc ctgtgcaggt ctcaactgcc aggccttgga tgccaacctg      120
gatgccaaac tggccttcgc cagcttcacc agtgggtgtg tcaggatctg ggacctgcgg      180
gatcagagtg tggtcaggga cctcaagggt tatcctgatg gagtcaagag tatcgtggtc      240
aagggtctac acatctggac tgggggtccg gatgcctgtc tgcgggtgctg ggaccagagg      300
accatcatga aacctctgga gtaccaattc aagtctcaga taatgagcct gtcccacagc      360
ccccaggagg actgggtgct gctggcatgg caatgc      396

<210> 193
<211> 385
<212> DNA
<213> Homo sapiens

<400> 193
ggcagttgac cgaaccggaa agtggcagga gttggagtac ccgagccccg cttaccctgc      60
ctttgcatgt gggtcaggat attgatctcc aaggacatcg tcaagtggct ggcaagcaac      120
tcggggaggt taaagaccta tcagggtgaa gatgtaagca tgggcatctg gatggctgcc      180
ataggaccta aaagatacca ggacagtctg tggctgtgtg agaagacctg tgagacagga      240
atgctgtctt ctctcagta ttctccgtgg gaactgacgg aactgtggaa actgaaggaa      300
cgaaggtctg acacaggaac tttgagaaga cgtgacagca atcccttcac cttttgaatt      360
gtcatggagc ctatcaaaag acaag      385

<210> 194
<211> 402
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(402)
<223> n = A,T,C or G

<400> 194
agtttcttgt gttactatct tgtcattgaa gagctcttta tatatcttgg aatgtaaatt      60
ctcgatgtgt taaacatctt tctcacgac tggcttgctt tgatttaaaa atttttttta      120
tttcaataat tttgagttat aggtggtttt ggttacatta atgagttctt ttgtgggtgat      180
ttctgagttt ttagggtgtac ctgagcagtg tacactgtgc ccaatatgta gacttatccc      240
tcattctttt tttttttttn naaatnggcc tttgcccccc agncnggaga atnnnggan      300
aatntggnnn acgncnctn cnttnggggg ntcagganat cttctcnag aacctcngcc      360

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ctcttgaggg ggnantttca nnagggngcc ccctnntggg tt 402

<210> 195

<211> 362

<212> DNA

<213> Homo sapiens

<400> 195

aggatggctt	gagcctggga	ggtcaagact	atagtgaact	gtaatcatgc	tactgcactc	60
cagcatgggt	gacagagcaa	gatgctgtct	aaaaaagaat	acttattgta	aagtttgggt	120
acaggaataa	tgaagtcatt	gatatgttat	gaacaggcta	tgaagttgat	gccccaaaaga	180
aataaacagt	ttgtaaatta	ataacttatt	ttgagttgtg	acaagacaat	gttgaaagtg	240
atgcatgaag	cggcaggcag	accatccaca	tcagttttac	agaaaaaaag	ttaatcttgt	300
tcgtgctgca	gtgaagagaa	cagcaaacag	gagaaacaat	agtcaggaat	tcaataatag	360
cc						362

<210> 196

<211> 404

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(404)

<223> n = A,T,C or G

<400> 196

acacacacac	acaacacaca	cacacacaca	catgcacata	cagactcggg	ccccaaaaaa	60
tgtgtccctt	tagcagggtt	agccttccac	ccaagatgta	agagaggcct	ggtcagggga	120
gaatttgtct	tgtgttgttg	ttcgttcatt	ttcagaaaag	tagcaggcaa	gtccttggtt	180
aatgtaaggt	tgttttttgt	tgatggcatg	tgaattgtcc	cttcagcctt	gctgagcatc	240
actcatcaca	acaacaaga	gctatcctaa	gtagtttgct	aatacagcag	tttaaggctc	300
aaaagcatta	aaggacaata	acatctaata	cagttatacc	actgnactgg	catgacttac	360
tttcacacat	attatctggg	ngngngggga	atcagtaatc	catt		404

<210> 197

<211> 396

<212> DNA

<213> Homo sapiens

<400> 197

cggagggttc	tgccgcacgg	catgggcccgg	ggcctcttga	cccggaggcc	aggcacgcgc	60
agaggaggct	tttctctgga	ctgggatgga	aaggtgtctg	agattaagaa	gaagatcaag	120
tcgatcctgc	ctggaaggtc	ctgtgatcta	ctgcaagaca	ccagccacct	gcctcccagag	180
cactcggatg	tggatgatcg	gggagggtgg	gtgcttggct	tgtctgtggc	ctattggctg	240
aagaactgga	gagcagacga	ggtgctattc	gagtgctagt	ggtggaacgg	gaccacacgt	300
attcacaggc	ctccactggg	ctctcagtag	gtgggatttg	tcagcagttc	tcattgcctg	360
agaacatcca	gctctccctc	ttttaaccag	cttttt			396

<210> 198

<211> 407

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(407)

<223> n = A,T,C or G

```

<400> 198
atgaatttga agatgaagaa atgctggatg aagaaggtag aaccaggtta aaattaaagg      60
tagaaaatac tataagatgg aggatacgcc gagatgaaga aggaaatgaa attaaagaaa      120
gcaatgctcg gatagtcaag tggtcagatg gaagcatgtc cctgcattta ggcaatgaag      180
tgtttgatgt gtacaaagcc ccactgcagg gcgaccacaa tcactctttt ataagacaag      240
gtactggtct acagggacaa gcagtcttta aaacgaaact caccttcaga cctcactcta      300
cggacagtgc cacacataga aagatgactc tgtcacttgc agataggtgt tcaaagacac      360
agaagattan gaatcttgcc aatggctggt cgtgatcctg aatgccca                      407

```

```

<210> 199
<211> 371
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(371)
<223> n = A,T,C or G

```

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<400> 199
gaagacgaga cgcaccccaa catcgacacg gccagtctct tccgctggcg gcacaggccc      60
cgggtggaac gcatggagca gacctctatg aaaatgatta ncccngnntg ttangtgtgn      120
tttaanaanc accatgntgg ntatgactat tttatctatt cagantcgcn nattgntntt      180
nncaagaaan gctnnatcct gttcttataa tgacatttgn agtggtgana taggnttttt      240
ntnntcatan aacagnngng atcanttttc tcttgantna ctcnnttnat ttctttttca      300
cntngngana tttcatgant nncannntc tnnanaannaa ntctttgnga nnnngcnntn      360
attnatngtg c                                                                371

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<210> 200
<211> 447
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(447)
<223> n = A,T,C or G

```

```

<400> 200
gaaaccnnaa actctanaat acaagctact tgttcttttt gcaggatccc atcgattcga      60
aagaaagtag gtaaaaaaag aaaagggtag ataatctttc gtatgcaaac ttttccttta      120
tattttgtct ttctttcctt tttgacttta gtagcatect ccacacattt gtgtgcctga      180
tttgaaanga agccgganac cccaccnngt ttnttntttt nngaattaaa acngganctn      240
acgccncang gccacttgc nnannggan cnncccccc gcnctggagt tctncattt      300
tacncccaa canggnnncc ngaccctggn ncncnanga ngatcgcccc ntcaaattcc      360
acnaaaaaan cnggtttnt tttccaaaag ccccanacg ngnggggnnt caaaggtnng      420
aactttcctn ttgnngaanc nggtccc                                          447

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<210> 201
<211> 406
<212> DNA
<213> Homo sapiens

```

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<400> 201
ctccccage actgaggagc tcgcctgctg ccctcttgcg cgcgggaagc agcaccaagt      60
tcacggccaa cgccttgga ctagggtcca gaatggctac aacagtcctt gatggttgcc      120
tcaatggcct gaaatccaag tactacagac tttgtgataa ggctgaagct tggggcatcg      180
gcctagaaac ggtggccaca gccggggttg tgacctcggt ggccttcatt ctcactctcc      240
cgatcctcgt ctgcaagggt caggactcca acaggcgaaa aatgctgcct actcagtttc      300

```

tcttcctcct	gggtgtgttg	ggcatctttg	gcctcacctt	cgccttcac	atcggactgg	360
acgggagcac	agggccca	cgtctcttct	ctttgggac	tctttt		406

<210> 202
 <211> 400
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(400)
 <223> n = A,T,C or G

<400> 202						
gaaggaggtg	gtggctgcgt	tgggctccgg	gaagccgttc	gggctggggc	tgtcggccgc	60
ggggcggagg	cactcgcgcg	gggggtaatt	cggggtctgg	gttctgggtg	cgcgcagctt	120
tccccgtcta	aaagttgggt	ttaattgggt	gcccacagga	ttgacttggc	ctctacttct	180
tgttaaggaa	attcatctct	tgttttatca	ggtgtgtgtg	gtttcagcgc	agcatggctg	240
tggtcatccg	tttgcaaggt	ctcccaattg	tggcggggac	catgcacatt	cgccacttct	300
tctctggatt	gaccattcct	gatggggggc	gtgcatattg	tanggggcga	actgggtgag	360
gctttcatcg	ttttttgcn	ctgatgaaaa	tgcaaggctt			400

<210> 203
 <211> 404
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(404)
 <223> n = A,T,C or G

<400> 203						
gtgcattttt	agtagagatg	gggtttcacc	atgttgggca	ggatgggtctc	aatctcctga	60
cctcgtgatc	caccacacct	agcctcccaa	tgtgctggga	ttacagggtgt	gagccaccac	120
acctgggcct	ttttatttct	ttttaatttt	gtgtggactt	caatggtaga	agttatagtt	180
gatttgacca	gaaagggaca	tgtgaaaaac	cttcctaaaa	tatttccttt	ttttttcttg	240
tgtctgttgc	tctatctgta	atcattagta	cccccttttc	tatgttcatg	ttagttttgc	300
tccttctgtg	tttttttctg	aaccatatcc	atgttgctga	cttttccaaa	taaaggtttt	360
cactcctccn	ntaannannc	anacacccan	cntaanntgg	aaaa		404

<210> 204
 <211> 413
 <212> DNA
 <213> Homo sapiens

<400> 204						
ccaaggtata	tcttaaatgt	acttgattga	tgtctcatgt	ctccctaaaa	tgtataaaac	60
caaactgtgc	tctgactacc	ttgggtacat	gttctgaggg	tctcctgaag	gctgtgtcac	120
aggccatggg	ctttcatatt	tggcttaaaa	caaactctct	caaataattt	atgtagtttg	180
actcttttcc	tcaatagaac	tcatcattta	accagttaag	tattttgagt	tagtttgagg	240
ttaaacacga	gagttttgac	agggagctga	aacaatagta	gtttcatcaa	aagttgatgc	300
tatctacgta	gatccagaca	tgataagata	cattgatgag	tttggcaaac	cacaactaga	360
atgcagtga	aaaaatgctt	tatttgtgaa	atttgtgatg	ctattgcttt	att	413

<210> 205
 <211> 483
 <212> DNA
 <213> Homo sapiens

```

<220>
<221> misc_feature
<222> (1)...(483)
<223> n = A,T,C or G

<400> 205
ttggttgccct cnanaaaca gctacttggt ctttttgcag gatcccatgc agaggactat      60
ttctcttttct tcctctcatt acattcataa acaatagcca gagatgcttt gactatctca      120
gttctgtttct gattatctgt tgctgtatgt tccacagtga gcagggtctat gcaaacctaa      180
cctcaaaggc tgagggaggt gagaggctga agaaagagac tgacaaatgc agtttctctg      240
agaggaacgt ttaagagaaa tttaggaaca gaagccgtgt cttgggatgg cctctagaca      300
gtggatcccc atacctgccc tccagagagt attccttatt tagcaagctt tttttggtaa      360
aatgtgcaac tgggtcatgtc ttcaaccctc ttgtgaaact caccactggg gaagttaagt      420
taagtgtttt tatgagggat tatctatgct acaggcattg cttctttatg aggggttatt      480
tat                                                                                   483

<210> 206
<211> 416
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(416)
<223> n = A,T,C or G

<400> 206
tctttatcca ttttgaatta atttttgtat gtggtgtaag taaggggtccg acttcattct      60
ttttcacgtg gatattggat ttcccagta ctttggttga aaagactgtc ctttctctct      120
tgtatagtat tggccccctt gtcaaacacc atttgactag aaatgcatgg gtttattatt      180
gggctatcta tttttgtttt cattggttta tatgtctttt tatgctggca ccattgttgt      240
cttgattact atttgtattt aagtatgttt tgaaatcagg acatgtaagg cctccaactt      300
tgntgntctt tttcaagttt gttttggctc tatggggcct ttgagattcc atatgaattt      360
aaggataggt tttcctgttt ctgcaaaaat gccattggga ctttgacagg gatttg          416

<210> 207
<211> 416
<212> DNA
<213> Homo sapiens

<400> 207
gtgggcccgtg ggggcgacat tgttgccgtt ttctttcccc ccccagtcct ggggatggag      60
atgtcggggac tcagcttttc agagatggag ggctgccgta acctacttgg cctactggac      120
aacgacgaga tcatggccct atgcgacacc gtcaccaacc gcctgggtgca gcctcaggac      180
cgccaagatg ctgttcatgc aatattagca tacagtcaaa gtgcagaaga acttctgagg      240
cgtagaaaag tccaccgaga agttatatat aagtacttgg caacacaggg gattgttata      300
cctccagcta ctgaaaaaca caatcttatt cagcatgcaa aagattactg gcaaaagcaa      360
ccacaactga aattgaagga acgccagacc agttccaaga cagaggacat tcacct          416

<210> 208
<211> 397
<212> DNA
<213> Homo sapiens

<400> 208
gttaagatga acagtctgtg ctaacagtaa accagtatca ttaaataaaa caaaaggttc      60
ttgtaattgt aggcattcaa actgctatta catgcattta gaaaccaaga tacaagtaaa      120
aatactagta atttgtcatt taagtagctg gaactctatt tatattttca aggccttaaa      180
agatttcctc ctgactctgt agctgccttt ggtgataggg tttcctttat tttagtgttt      240

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tatttttaaaa	tgtaaatagg	attccaagta	tggatataga	gtttcctttc	ttttagtatt	300
taatttttaaa	atgtaaatag	gattttcaagt	atggatcaga	agcctgtttct	tttatctaaa	360
aaaattttttt	aaataatctg	aaataatgat	taagagt			397

<210> 209
 <211> 406
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(406)
 <223> n = A,T,C or G

<400> 209						
gtgggcccgtg	ggggcgacat	tgttgccgtc	gtttttcccc	ccccagtcce	ggggatggag	60
atgtcggggac	tcagcttttc	agagatggag	ggctgccgtg	acctacttgg	cctactggac	120
aacgacgaga	tcattggccct	atgcgacacc	gtcaccaacc	gcctgggtgca	gcctcaggac	180
cgccaagatg	ctgtttcatgc	aatattagca	tacagtcaaa	gtgcagaaga	acttctgagg	240
cgtagaaaag	tccaccgaga	agttatatatt	aagtacttgg	caacacaggg	gattgtttata	300
cctccagcta	ctgaaaaaca	caatcttatt	cagcatgcaa	aagattactg	gcaaaaagcaa	360
ccacnactga	aattgaagga	aacgccagag	ccagttacaa	agacag		406

<210> 210
 <211> 401
 <212> DNA
 <213> Homo sapiens

<400> 210						
cacttgcaca	ctcaaagcca	cattggactc	attttttctg	ctacctttat	aaaccttcaa	60
actgttcaag	agtcaatggt	atgtatcacc	ttccgttatc	aatcatcatg	ttttgttttg	120
tttggtttgg	tttggtttgg	tttggtttgg	gacaaagtct	cgctctgtcg	cgcaggctgg	180
agtgcagtgg	cactgtcttg	gctcaactgca	acctccccct	cctgggttca	agcgattctt	240
ctgcctcagc	ctcttgagtg	gctgggatta	caggcgtgtg	ctactacgcc	tggctaattg	300
tattttttagt	agagatggga	tttccactgt	gttaccacagc	ctgggtctgga	acttctgacc	360
tcaaattgatc	cacctgcttt	ggactcccaa	agtgtcagta	t		401

<210> 211
 <211> 412
 <212> DNA
 <213> Homo sapiens

<400> 211						
gggtgaccaa	gtagggcctg	tgacaccagg	gtggcgcagc	tttctgtgtg	atgcagatgt	60
gtcctgggtt	cggcagcgta	gccagctgct	gcttgaggcc	atggctcgtc	cccggagtgt	120
ggggtacccg	ttgcagagcc	agggacatga	tgacaggcga	gcttgggata	tggccaagtt	180
ggactttgat	cctttgggca	gatgtcccat	tgctccctgg	agcctgtcat	gcctgttggg	240
gatcaggcag	cctcctgatg	ccagaacacc	tcaggcagag	ccctactcag	ctgtacctgt	300
ctgcctggac	tgccccctgt	ccccgcacat	ccccctgggac	cagctggagg	gccacatgca	360
cacacagcct	aactgcccc	gggagctctg	ctgccttgct	ggcctgcctt	cc	412

<210> 212
 <211> 418
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(418)

<223> n = A,T,C or G

<400> 212

gtgagagagg	atgtgtgctg	ggccttggag	gaagggggcc	gagaccgggc	cttacttctg	60
taacgatact	gtgaggcatc	ggaaggccag	cctgttgtgt	ccgttttgaa	ggtcgggtggg	120
ctagactggc	tggccttcta	gggtgtgga	gacttcccaa	ctctgccctt	gtgctttcct	180
ggaatcccca	atatgcctgt	agtcccagca	ctttgggagg	ctgaggcggg	cggatcatga	240
agtcaggaga	tcgagaccat	cctggctaac	gtggtgaaac	cccgtctcta	ctaagaatac	300
aaaaaaaaata	ttaaccggc	atggtggcag	gcgcctgtag	tcccagctat	ttgggaggct	360
gaggtaggag	aatggcgtga	acctgggagg	cggagcttgc	agtgagctga	nattgtgc	418

<210> 213

<211> 383

<212> DNA

<213> Homo sapiens

<400> 213

cccttgatgc	tccaccaage	accagcacia	tggatgatga	aggttatccc	aggcctcatt	60
cacacttgct	ttcctggggg	tacagtcagc	tgatccttca	tctaattaaa	cttcctgcag	120
atthttataac	caaagagaaa	atgacagaca	tctgcaggtc	ttgtgggttc	tggcctggat	180
atctaattct	ctgtttggag	ctggagagaa	gaagagaggc	cttcaccaat	attgtgtatc	240
tgaatgatat	gagcctgatg	gaaggggaca	atggttggat	cccagagacc	gtggaggaat	300
ggaagcttct	ccttcattct	atacagagca	agagcacgag	gccagccccc	caggagtcac	360
taaatgggag	cctcagtgat	ggg				383

<210> 214

<211> 370

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (370)

<223> n = A,T,C or G

<400> 214

ctctcttgag	tgcgtctccc	tggccagtta	tggcctcgct	ctgctgcata	cccagggctt	60
cgaggtcgca	ctgggtgctc	acgtggtggc	cgatgtgggg	canagcgctg	ancanccaca	120
ggctnatatg	ncagnaccat	ctcngctacc	tantnacntn	cngggncnnc	naatcnnttt	180
atctggggga	tgggcannct	ctgnaacgct	nncagnagct	ncnggtgtn	ancnactttt	240
ntttacccca	atgacnatac	ccgctgntca	catgganacc	cnaatanaag	ntntacnng	300
gnaaacccna	atncnanaac	tnttanantt	gnngagtact	ttanngantg	accaanacng	360
anaacagggg						370

<210> 215

<211> 440

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (440)

<223> n = A,T,C or G

<400> 215

gaaactcntn	nacnctana	caagctactt	gttctttttg	caggatccca	tcgattcgctg	60
gaaagttgat	gagcatcttt	tctgtgtgct	attaaccatc	cgtttatctt	ctttgggtgaa	120
acgtctagtc	aaaaattctc	tctcagtcct	atgatttgca	actataaatt	tttcccagtc	180
tctggcttgc	cttctcattt	tcttaatagt	gtcccttggg	atataaacat	tttaattntg	240

ntaaanccac	tttaccaatt	ncncnttnta	tggncaanen	ntaactgttn	nggnnnntnna	300
ccntttntttt	tnttnngcct	acannnnenn	cattgncenne	nngnttnnat	nnntnnnnanan	360
ncccncccn	atatnnnnntt	ttttntttatt	naggctttat	ttttttnaaa	aaaannnnngt	420
ntatttttncc	ccnctggttt					440

<210> 216
 <211> 414
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(414)
 <223> n = A,T,C or G

<400> 216						
gttgccctggc	agcagacggg	caagcctgga	cttaggcggc	gcgcaggacg	gtccgacttc	60
gtgcggaggg	ctccctgagg	tccgggtcct	tgcggccact	gcggccactg	aagcggcggc	120
ggcggtctgg	ccatgaggaa	gaagtccagc	ccatgctatt	tcntgttccn	tagtnagnna	180
aangctnctc	cgtacgacgc	nggattcgcg	nacnatanat	ttctaangana	agaaagggag	240
gccacatatn	gctnnacaan	gcactataca	aaccctgang	attaangana	ncanctgtat	300
gctgagaatn	ataccgccac	gaaaaaatag	gacnataana	nnntgggtat	gttncgtgtg	360
ncaacnccaa	atangagaaa	anacnattt	actcagatta	agtgcgntg	atga	414

<210> 217
 <211> 420
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(420)
 <223> n = A,T,C or G

<400> 217						
gacggacggt	agccactctg	caccagactc	tcattccccac	ggcctcaggt	ggccccccagg	60
aaggctcttg	caatcaaact	ttcattacca	gttcgggtat	tacttgcaact	gactttgaag	120
gcctaaacgc	cttgattcag	gaggggacag	cagaagtgc	agtgggtgagc	gatggaggcc	180
agaacatcgc	agtggccacc	acagcgccac	cggctcttctc	ctcctcttcc	cagcaagaac	240
tacccaagca	gacctactcc	atcattcaag	gggcagccca	tccagctttg	ctctgtcccc	300
ccgactccat	tccagattag	tgcttaaaaa	aacaaaagga	gtggggggaaa	ggaattgaga	360
aaaagaaatc	ttaaagtaga	attctctaaa	agggttgctc	ttaatggttt	ctttgntttg	420

<210> 218
 <211> 192
 <212> DNA
 <213> Homo sapiens

<400> 218						
gtgactgtat	ggtagagact	gtgatctggg	aactttttgc	tgtacaaatc	tgtttaaaaa	60
aaaaaaaagta	actcattgaa	ttaacttgca	gggggggggtt	tgattctttt	ttaactggc	120
ttcagcattg	ggcagtttaa	aaataagtaa	gtaacttaca	taaatcttca	attgtatgaa	180
aaaaaaaaaa	aa					192

<210> 219
 <211> 400
 <212> DNA
 <213> Homo sapiens

<400> 219
gtggtttttca acctctcagt ttgtggtaat ttgttaacag ccccaatagg aaacaactac 60
tcatgcatcc aggggacacc tcatgaacca cccgatctca ctaagttctg ccttcctgtg 120
accacattgc tatttcaggt cctgtgcagc acttataaat gtggctgcct cttgctaggg 180
tggcctttat agcacatctg aaacagcact ccttggcttt ttgattgtta tgtttttaga 240
gacagggtgt tactgtcacc cagtaggggt gacaacatct ctctacactg gagtacagtg 300
gtgtgatcat agctcactgc agccttgaac tcttgggttc aagtgatcct cccacctcag 360
ctcctaagta gctgggtcta caggagtgca ccacttcacc 400

<210> 220
<211> 399
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(399)
<223> n = A,T,C or G

<400> 220
ggaggcgctg ggattacagc catgagccac cgcctctggc ctggccttcc ttgtttttgt 60
agcttctctg ctgtccccct atagatttta aacaatgaat ccaacttctg taataattat 120
gggaccattt aggttttctg tttcttcttg agtaattttt ttattgtggg aaaaaataca 180
taacacaaaa tttgccatct tttttttttt ttnaaaanng nnttnntttt ntccccnngn 240
nnggggggnc gggnaaaann nttngaaccc naaannncng ggnnnaaaaa anttttnnng 300
cntaaccenc cggggnggng ggnnttnttg gnttnccccc cctnccccnn naaattttta 360
ntaaantttt tttttgnaaa naaannnnnt ttnncccc 399

<210> 221
<211> 392
<212> DNA
<213> Homo sapiens

<400> 221
taaccacaag gactgtatgt taaacattaa acctacattt aaataaccaa atcatatttt 60
cttgaatcca aaattattct gaaaaacaaa acaaagaaat ttaaagtctc aaggctccta 120
acgtcacaac aatgcttctg taaaaatttt cagctattta ggggggaaat actagttcta 180
gtaagttttc caaaataaag atgtaatgaa aaatagatct tcagagtcca tcccagtctt 240
aagattttta tactctacat aaaccattct tgtaggcatt ttgaaaatat gacctactat 300
gttaaacacg ggatattctc aaggatctaa aactatcagg cagggttaggg attccaaact 360
aaacttgggc aatgagccta agcaaatttc aa 392

<210> 222
<211> 398
<212> DNA
<213> Homo sapiens

<400> 222
gaagaaataa ccaggatatt agtcttctct cagatcaaaa gggatctcta ccatggccga 60
ctcctctgta aaacatcgga tgctgccttg ttagcagctt acatccttca agcggagatt 120
ggggattatg actcagggaa acacctgaa ggctacagct ccaagttcca gtttttccct 180
aaacattcag agaagctgga aaggaaaatt gctgagattc acaagacgga actgagtggg 240
caaacaccag caacatcaga gctgaacttc ttaagaaaag cacagacatt ggaaacatat 300
ggagtggatc ctacccatg taaggacgtg tcaggaaatg ctgcatttct ggccttcact 360
ccttttgggt ttgttgttct tcaaggaaac aagagggt 398

<210> 223
<211> 376
<212> DNA

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<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(376)
<223> n = A,T,C or G

<400> 223
ggagtgcagg tggaaacat ctccccagga gacggggcgca ccttccccat gcgcggccag      60
acctgcgtgg tgcactacac cgggatgctt gaagatggat agaaatttga ttcctcccg      120
tactgaaaca agccctttaa ntttatncta ggcangcagg nggtgatncn aggetgggaa      180
nanngttttg ccagatgag tgtgtaattt attgcntatt tgnntttatn tttttgctta      240
tggttattat tcttattttn tntatctnnt ntancatttt tctatttcnc tttgtttttt      300
ttaaatttgn tnacntttgn atttttttca ttntntgctn tttntttcca ntttgnnann      360
ttntttcttt ttttctt                                     376

<210> 224
<211> 400
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(400)
<223> n = A,T,C or G

<400> 224
agcgcgccgt cgcgcgccgg gaccgggggtc cgggtgcggag tgcccttcgt cctgggaaac      60
ggggcgccgg cggaaaggaa gaattcgccg ccgctatcta cgtagatcca gacatgataa      120
gatacattga tgagtttgga caaaccacaa ctagaatgca gtgaaaaaaaa tgctttattt      180
gtgaaatttg tgatgctatt gctttatttg taaccattat aagctgcaat aaacaagtta      240
acaacaacaa ttgcattcat tttatgtttc aggttcaggg ggagggtggg gaatttcaac      300
tnttcntgnc tncntcttt gngaactncc acttngaana nanananncc nntatngggg      360
atgatgnatc ctcannttg ntnnnccngn nggttnattt                                     400

<210> 225
<211> 381
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(381)
<223> n = A,T,C or G

<400> 225
gaaatggatt ccaggcgtgt gcctcgagac aagctggcct gcatcaccaa gtgcagcaag      60
cacatcttcg atgccatcaa gatcacctag aacgagctgg cgtcagcaga tgacttcctc      120
cccaccctca tctacattgt tttgaagggc aaccccatg ccttcagtct aatatccagt      180
atatcacgcg cttctgcaat ccaagccgac tgatgactgg agaggatggc tactatttca      240
ccaatctggt gagtaagtga gttcttggcg ttgtggagaa ggactaggaa gggtnnggtt      300
ttggggngnn nnnnnnnnct nnnnnnnnnn nnnnnnnnnn ngctnntnnn nnnnanngnn      360
nnnnnnnnnn nnnntnctt t                                     381

<210> 226
<211> 402
<212> DNA
<213> Homo sapiens

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<400> 226
 gagccccgtca agaagcgggg acgcaagggc cggggccggg gtcccccgtc ctccctctgac 60
 tccgagcccc aggccgagct ggagagagag gccaaagaaat cagcgaagaa gccgcagtcc 120
 tcaagcacag agcccgccag gaaacctggc cagaaggaga agagagtgcg gcccgaggag 180
 aagcaacaag ccaagcccggt gaaggtggag cggaccggga agcgggtccga gggcttctcg 240
 atggacagga aggtagagaa gaagaaagag ccctccgtgg aggagaagct gcagaagctg 300
 cacagtgaga tcaagtttgc cctaaaggct gacagcccg acgtgaagag gtgcctgaat 360
 gccctagagg agctgggaac cctgcaggtg acctctcaga tt 402

<210> 227
 <211> 393
 <212> DNA
 <213> Homo sapiens

<400> 227
 gagctatggc ggctttggct cgcaggatcc tcagtaaacc tattgaagta caagttggag 60
 gcaggagtgt ggtttgctca gatgtggagc aacaagtgat tgtgattgaa gaagaaaaga 120
 aattcttgaa gttacttgag cttctaggcc attatcaaga gtcaggatct gtcattatat 180
 ttgtggataa gcaggaacat gctgatggtc ttcttaagga tttaatgaga gcatcttata 240
 cttgcatgtc tcttcatgga ggcattgatc aatatgacag agatagcatc ataaatgact 300
 ttaagaatgg gacctgcaaa cttcttgtgg ctacctctgt tgctgccgag gctagatgtg 360
 aaacatctga ttcttgtagt aaattatage ttg 393

<210> 228
 <211> 382
 <212> DNA
 <213> Homo sapiens

<400> 228
 gtgaatcatt acctagcatt tcagtttttt gcagaagaat attatccctt ctccagaggtc 60
 ctggcctatt tcactttctg cctgtggata attccgtttg cgttttttgt gtcactttctg 120
 gccggggaga acgtcctgcc ctctaccatg cagccaggag atgatgtcgt ctccaattat 180
 ttcaccaaag gcaagcgggg caaacgctta gggatcctgg ttgtcttctc cttcatcaaa 240
 gaggccattc taccagtcg tcagaagata tactgacccc catgcaggca ggatgtgggg 300
 ggcaagatca ggagagtcag gcccttgggc ctctatgcc a ggtggggacc agaagtcggg 360
 aaggcaccta ccacctgcct gg 382

<210> 229
 <211> 381
 <212> DNA
 <213> Homo sapiens

<400> 229
 ggggaactat cactgtacat aagactgatt cttccaatga acctccaaag acatttactt 60
 ttgatactgt ttttggacca gagagtaaac aacttgatgt ttataactta actgcaagac 120
 ctattattga ttctgtactt gaaggctaca atgggactat ttttgcataat ggacaaaccg 180
 gaacaggcaa aacttttacc atggaagggtg ttcgagctat tcctgaactt agaggaataa 240
 ttcccaattc atttgtcac atatttggct atattgcaaa agcggagggt gatacaagat 300
 tttggttcga gtgtcttatt tggaaatata taatggaaag ttcgtgacct tttgggcaag 360
 gatcagacac aaagggttaga g 381

<210> 230
 <211> 416
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(416)

<223> n = A,T,C or G

<400> 230

aattcggcac	gagcccatct	ctactaaaaa	atacaaaaaa	aaattagcca	ggcgtgggtg	60
caggagcctg	taatcccagc	tacctgggag	gctgaggcac	aagaattgct	tgaacccaag	120
aggcagaggt	tgcagtgagc	cgagatggca	ccactgcact	ccagcctggg	caacagagcg	180
agattctgtc	tcaaaaaaaaa	aanggaatnt	gagggggnaa	aaaaaantna	angnggccac	240
atgctcnttc	ntgccacngg	aacttttnat	atgntttccc	canttcnttt	tttgtccccc	300
antttnacat	tnttaactcc	ccaatcntnn	ttnttttttg	accgagncaa	accctactn	360
tgggctnttg	ngccanactt	tcctnaggna	aaattttnca	ntttgggggg	ggtatg	416

<210> 231

<211> 396

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(396)

<223> n = A,T,C or G

<400> 231

aattcggcac	gaggtccagg	agttattttg	cagtgagccg	agattgcact	actgcactcc	60
agcctgagtg	acagagcgag	actctaaaaa	aaaaaanaaa	aaaaaaant	nnggnnanan	120
aancgggcnn	atccaaaaan	tcccaccccc	tttngggggn	caanantnnc	ccaggnaacc	180
ggggggccaaa	ngggnaaccc	naaaangnan	cnggcaaant	gntaaaggct	naggggggnc	240
ancntnnaaa	aaaaantcca	gggggncccc	gncnnggnag	gncccccann	tttngggngn	300
tttncntcca	ggnnctttnt	tnggtcctgn	cngggaannt	naaaaaaaaa	tntcnttggn	360
nttttggcag	gaggaagnna	aanggncccn	tttgaa			396

<210> 232

<211> 421

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(421)

<223> n = A,T,C or G

<400> 232

gtgcacctct	tcattcagta	aaggagggtc	accaagagaa	tttgatgaac	cttaccttca	60
aagttccttg	gcacagtggc	tcacacctgt	aatcccagag	ctttgggagg	ctgaggtagg	120
aggattgctt	gaaccagga	gttcaagttt	gcagtgcgct	atgattgtcc	cactacactc	180
tagcctgagc	aacagaccaa	gaccgtattg	ccaaaatacc	aaaaaaaaaa	agttcatgga	240
gagccacnta	nacntganac	cacncttcag	cctgaatttt	tntaaaacac	agttgtntca	300
agcanattac	tccacacgtt	tttccacact	gaactctcca	gnccttccac	ttccttaatt	360
ctgcaaattg	aggggggggg	gactcttggt	aaactactcc	tgtaaaattg	aagttggagg	420
g						421

<210> 233

<211> 386

<212> DNA

<213> Homo sapiens

<400> 233

atcgcttgaa	tccgggaggc	ggaggttgca	gtggggccgag	ttagcaccat	tgcactccag	60
cctgggcgac	agagtggagc	tccgtctcaa	aaaataataa	atgaagtaac	aatgggtgaag	120
tttgaagtaa	ctcaggtgaa	gtaacaccta	agtggaaatt	ccatactcca	ctcagtaaac	180

catgcccggc	ccccctcaaa	tggttttatc	tgtcacactg	gtgctcctgc	aatggacaaa	240
ggagacgttt	cctgtaggac	cagcatctct	ttactcaggt	ttttcaatct	tggaactgct	300
gacatttttg	gccaaagta	tctttgttgc	agggactgtc	ctgtgcattt	caggatgttt	360
aacagcatct	ttgtcctcta	cccatt				386

<210> 234
 <211> 396
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (396)
 <223> n = A,T,C or G

<400> 234						
gaaaaaagta	tgaataagtt	cataccaata	atacctgtct	tgctgggtgg	ttataaaaga	60
gaattatgtc	cagtaccta	cccagtgcct	ggcaaaggta	ctcaaatacct	ggtggtgata	120
ttattaaagt	ttaaaactta	tcctggcaaa	ngattccctt	catananttca	cccatnactt	180
ctattccagn	gccccntnt	ncccccccca	aaacacagtc	gctgatctta	ccntgccttt	240
gcnggcntnn	gttattcaac	tcccttctga	cttgntaact	ntnanctttg	antcttntgc	300
tcnnanttgt	nnnctcttg	anatttannn	naentcgnnc	cnnctcttat	nnctctnctt	360
cttactnatt	ctactatatn	tncnntncna	tatctc			396

<210> 235
 <211> 378
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (378)
 <223> n = A,T,C or G

<400> 235						
ttcctggcct	gatatttcac	tggggacceca	tcattgattct	gcaactattc	tcgctcaaca	60
gaacattacc	accttgagtt	aaagaggcta	agaagctaag	gttaatcatt	attaatgatt	120
caagggtggc	aaacaccatg	tgggcacaa	gcataccttc	atggattaat	tactctccaa	180
tgattgtaca	tttcattcct	gctaccggtc	tctattaccc	tgcttttttt	tttttcance	240
tgaccagggg	ggnaaancca	ncnctntttt	gccaaaanaa	nattttctna	gggagaaanc	300
atnnaancnn	tttttttttn	cccccaanna	gtnncaggga	ntnntanggg	ggggttttgn	360
tngccngaaa	aaaccttt					378

<210> 236
 <211> 200
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (200)
 <223> n = A,T,C or G

<400> 236						
aattcaaggc	ctcctcgagg	gottttttttt	tttttttttt	tttttttttt	tttttaaang	60
gggggncntt	tttttaaaaa	aaangggggg	aaaaaaaaaa	nnnnnanntn	nnnnncaaaa	120
anttttnccc	ccnttttttn	nggggggnnn	tttttnnaan	aaaannnnnt	tnnttnnggg	180
ttttttaaaa	aaaaaaaaaa					200

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<210> 237
<211> 393
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(393)
<223> n = A,T,C or G

<400> 237
aattcggcac gagggcacgt ggtaggcggt tggtacatgg gaatcgctgt tgggggtgtca      60
cctccccaga aagttctcgg cttcagtaag gcggtcccct gccaggcgcc ctggcaatgc      120
agaggagtca ccgagctccg cctttgacca gcgtgcagct gggagagtga gatcagagac      180
cacagcagat cgtggcgctg tgatcagggg gtacactcaa gctgtgggtc ccttacccca      240
gccttgagat cccaggaagg cctgcagcct gaaacgggcc ttgaaagggt cgtagtttct      300
ctgaaaagca tcaccaggt  cagaatgaaa ggaaactctc tgtgcagacc gctgtatgtg      360
ggacctttga agacagtcaa atantgttca att                                393

<210> 238
<211> 412
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(412)
<223> n = A,T,C or G

<400> 238
gggcatgggt gcaggcgctt ataatcccag ctactcagga ggctgaggca ggagaattgc      60
ttgaccccgg caagtgtagg ttgcacctag caaccactcc actgcactcc agcctgagcg      120
acagagcgag actctgtctc anaanaaaaa aaaaaagnnt ntancccca gggttttntt      180
nggnccttgg aancnntngc cgcnggggtt gnnnnncnang ggtnngtngn nnnancccaa      240
annnaannnt tggcnttttt nnaanntnag nggggaaaaa aaaaaacccc ntntctnttn      300
accnttttta taaccnnggg annaannntn tatttttann gtngcnaann nnaacttngtn      360
annngggggg tnaantgcan tttttnaccn acggaatttt tttntttttt tt                                412

<210> 239
<211> 411
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(411)
<223> n = A,T,C or G

<400> 239
aattcggcac gaggcataag taaggtttgt tcctggcctt ggtgaactga caaaggcgag      60
gaaagaatgg acagattttg gtaagtgtta aaataataac cagctgggtg tgaaccagtg      120
tcctgaacct tgtgcttaag tctcctcacc tacctgggct ccttaccctt acccgttaga      180
gggcccgggt ccattgcctt gaagacctgg tctctctggg tggtcagtat gcagtagtat      240
ggcagtgtat aatttgatca ccctctatag tccccgtgga ttggagaaaa aatctgattt      300
aatgccacgt tcccccttct tacgattgga tgccacagat ggcacagggt gagaagtcaa      360
gagactgaga aaagtcanac agttggcgac tcatcttctc caaatggtaa a                                411

<210> 240
<211> 417

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<212> DNA
<213> Homo sapiens

<400> 240
aattcggcac gagggcagac actgcacgtg ttctacagag aagaaagagg atgatggtaa 60
agcagactgc agtcttcagg cctggagcag agaagggaga gttcctgctc tagagaaaag 120
attttgccac gttggctagg ctgctctgga actcttgacc tcagggtgatc tgccctgccac 180
ccaacctact gggattacag tagccagtcc tgccagggtt ctggctgtgc cgggacagtg 240
aatggccact ccgtcccaga tgagctgcag gaagcgtttc gatgtcatgt ggagcaggag 300
ccgccgagtg attgatgggc cccagcttga atggaaagtc cagattccag caacacagct 360
taagagatga aggttgcttg agcaggaat ccacccatgg cccaaagagg aaagatc 417

<210> 241
<211> 407
<212> DNA
<213> Homo sapiens

<400> 241
aattcggcac gagaaaaaat ggaaggaaca ggctcgggaa atggcagata ctgcatgtga 60
ttctgatgtc ctgcttcagc tgggtgcttg ctggctgggt gaagtgctag gtgtcattgg 120
ggactgtcca gagctagttc agcgctcctt cctgggtggct agtggtctgc ctggccccga 180
tggcaacatt aactcaccta caagaaatgc tgacatgcag gaggagctaa ttgcctccct 240
agaggagcaa ctgaagctga gtggggaaca ttctgagtct tccactccac gaccagatc 300
atctcctgaa gagacaattg agcctgaaag tcttcaccag ctctttgagg gtgaaagtga 360
gaccgagtct ttctatggct ttgaagaagc tgacctagat ctgatgg 407

<210> 242
<211> 408
<212> DNA
<213> Homo sapiens

<400> 242
aattcggcac gaggacaggc acagctctgc tgtcagcact gctgtggggg tgactgtagc 60
cccagtctgc cctgggtgttt ttctctcgct cttctccatg ccggcctttg cctctagact 120
gagaaaccgg ggttgactca agtggcacct gcaaaaagtga tcatggcagt tcacttagcc 180
tgcaggtgac agggactgtg aatctagtcc ctggcgagcc tggaaagagg ggcaaggtag 240
aggctctggc tgccgggggtt tcttttggtga gtccgttcac tccgctggac acagacggat 300
caggaaagat tctgttgct actcggctgg tggccagagg gagagaggac gtgtccgtaa 360
ctgaagcaag gtggataagc ttcgggaacg agcgaggcac agattctg 408

<210> 243
<211> 401
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(401)
<223> n = A,T,C or G

<400> 243
gatggcttaa tctgccctca gcagggatga ctcaacaccg ccctcaacag ggatgactca 60
gcactgcccc tcaacaggga tgactcaaca ggggatgact caacactgtc ctttatcagc 120
gatgacacaa gcaaggatga ctcagcactg cccctcacca aggatgactc agcactgccg 180
ctcaacagac atgactcagg gatggcttag tactgcccct cagcagggat gactcagcag 240
ggatgactca gcaccacccc tcaacaggga tgactcagca gggatgactc agcactgccc 300
tcaacaggga tgactgcagg gatgactcaa cactgccctc agcagggatg actcacactg 360
ccctcagcag ggatgactca acanggatga ctcanaccg c 401

<210> 244
 <211> 398
 <212> DNA
 <213> Homo sapiens

<400> 244
 ctgctggagg ccttgcagtc cggggctgcc ttccgcgaca gaagaaaaag gacaccgatg 60
 ccaaaagatg ttccggcagag tctcagtcga atgtctcaga ggcctgttct gaaagtttgt 120
 aaccatgaaa atcagaaagt gcagttgaca gaagggtcac gttcacacta caatatcaat 180
 tgcaactcaa caaggactcc agtcgccaag gagcttaatt ataatctaga cactcatatg 240
 tctactggga ggatcaaggc agctgagaag aaggaagcgt gtaatgtaga aagcaacaga 300
 aaaaaggaaa cggaacttct tggctctttt tctaaaaatg aatcagttcc cgaagttgaa 360
 gccctgctgg caagattacg agctttataa gttaaact 398

<210> 245
 <211> 420
 <212> DNA
 <213> Homo sapiens

<400> 245
 gtgagccccga aagaaaaaaa ttttctgtaa agtgaagaag gatgctgggt cctgggggctg 60
 ctctggggcc agacettacc ctctgctcg gggccactga aggcagagca gggcccagaga 120
 ctgggccttg tgggtgttacc gctgccttga gagcaagaga cagggtgac gtgcagaact 180
 aggcaggctc caggcaagct tggcgctcagc gctggcagcc ttgggtggcgt gggcacaggt 240
 gacaggagcc tgggtgaagg ggtgagcaaa gcatccgggc tactgagctg catggccttg 300
 ggcacttcag tgccctctct gggcctgggt gttttccttc tagccctgct gaggcgaggca 360
 ggtgggcttt acccctgaga ccgctgtgtc ttctaattag aagccatcca atatgctttt 420

<210> 246
 <211> 407
 <212> DNA
 <213> Homo sapiens

<400> 246
 aattcggcac gagggctctga agactgaaag agtcgaatgg tttgttggca ggggtgtcctg 60
 gtggattggg ttctgttaagt tcagattctc ataaatcgtg tgagcgtcgc cgacacctct 120
 gagataaaaag ggcccctttc gactagcctc tgctgaaagg acctagaaga atcccttagg 180
 atgaagctga gtcttaccaa ggtagttaat ggctgtcgcc taggaaaaat aaaaaacctg 240
 ggcaaaacag gggaccacac catggatatt ccaggctgcc ttctgtatcc caagactggc 300
 tccgccccac acctcaccca tcacacgctg cataatatcc acgggggtcc tgccatagct 360
 cagcttacgc tgtcatccct agcagaacat catgaagtct tgacaga 407

<210> 247
 <211> 377
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (377)
 <223> n = A,T,C or G

<400> 247
 atccgctggc ctctggaaaa ggatttttggg ctgagatgct gggcggtgggg gacttctatt 60
 acgaactagg tgtccaaatt atcgaagtgt gcctggcgct gaagcatcgg aatggaggctc 120
 tgataacttt ggaggaacta catcaacagg tgttgaaggg aaggggcaag ttcgcccagg 180
 atgtcagtcg agatgacctg atcagagcca tcaagaaact aaaggcactt ggcactggct 240
 tcggcatcat ccctgtgggc ggcacttacc tcattcagtc tgttccagct gagctcaata 300
 tggatcacac cgtgggtgctg cagctggcag agaagaatgg ctacgtgact gtcagtgaga 360

tcaaagncag tcttaaa

377

<210> 248

<211> 385

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(385)

<223> n = A,T,C or G

<400> 248

aattcggcac	gaggcggcgt	gggggtagac	aggtaccggt	cagattacgg	tgacacaggc	60
ggcgtggggt	tagacaggta	cgggtcagat	tacggtggca	caggctgcgt	gggggtagac	120
aggtaccggt	cagattacgg	tggcacaggc	ggcgtggggt	tagacaggta	ctgggtcagat	180
gcacgggctc	cctaaacccc	tgctgtggct	tcggcagtaa	agacaggacg	cacccatgtc	240
acaagaggag	cacaggcagg	gggtgttggtg	ttggggcagt	cctnanggtc	ttcagacccc	300
agccccactc	acacagcacc	taggaangaa	tgcagagtcc	cangtgtcag	cntgggtgggt	360
nttnangggc	tgctcttctc	ggaag				385

<210> 249

<211> 428

<212> DNA

<213> Homo sapiens

<400> 249

tctttattga	ctttttgccc	taaattgcta	ggtgtgaccc	agcaatcttt	taggaagaga	60
ttttacagtg	gtgctttatt	tatatcaata	atccagtata	gttaggctgt	tcattcctca	120
taataagata	cataacagaa	aagtgggact	ttcacatttt	catatttagg	cacgttccaa	180
tttaattcca	aaaatactct	gtaattctac	atctaataaa	accgattccc	taattcgaat	240
ttattggtag	caaagctctc	tttggctata	gacaattaag	agttgacctt	ttaagttaat	300
gtatatgctt	aaaaacagtt	ttaggaaaat	atlttggtaga	caaagagttt	caacttttaa	360
tggttactat	gtcatttagt	gccaaacttta	cggataggtt	gctatctaaa	taggcatttt	420
tagtcatt						428

<210> 250

<211> 428

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(428)

<223> n = A,T,C or G

<400> 250

aattcggcac	gagataatct	ggaacatcca	acaactcaaa	actgaagctg	cctcctgtgt	60
gccacaaga	tgtgataagc	accatacctg	acaccagatt	tgcaaagaag	ctgctccact	120
gcacccatct	tgctgcattt	agattctctg	tcctattgtt	aatgcagata	tagttgcaca	180
ttaaaacctt	ttgtttgtag	gccgggcgtg	gtggctcaca	cctgtaatcc	cagcactttg	240
ggaggctgag	gaaggagaat	tgcttgaacc	tgggaggggg	aggttgacgt	gagccaaaat	300
tgtgcaccat	tgactccag	cctagacagc	aagagcgaga	ctccatatca	taaaaaaacn	360
aaacannaca	aaaaactatt	gttngtatcc	tcgntttaag	attgtcttat	aaaagggttc	420
tgtcagga						428

<210> 251

<211> 427

<212> DNA

<213> Homo sapiens

<400> 251

aattcggcac	gagcagagat	gagtgcagaa	ttcagcttgg	aggtcctgga	aacttctagt	60
ttactgatgt	ttatgctttt	gctcatgcac	ccacagttcc	tgggacacag	aatgctcacc	120
tgggggtttg	taccccagcc	aagaaggtgt	cttcacagac	tcccctcctt	ttagcaactt	180
catgcagatg	gagcttgggt	ggatggatcc	tggcacagtg	ttcagaacag	tggccctgcc	240
agtgtgtggg	cgccgcttgt	gcagagcccc	tgtgggttct	ggtcctcaag	ggcaggggcg	300
ctcactgaca	gcggaaccca	tagtaccagc	ccatctttgg	tgggctgttt	ccaccccatt	360
catccctgct	tagctcttca	taagacagcc	tgtgctggca	gaaaattgcc	ccccagtcaa	420
gactaag						427

<210> 252

<211> 432

<212> DNA

<213> Homo sapiens

<400> 252

gttttaaagag	agcatgctga	caactggggaa	ggaaagcaag	actccaggaa	aaagctctgt	60
tcctcttttac	ttgatctatc	cttctgtgga	aaatgtgcgg	accagtttag	aaggatatcc	120
tgctggggg	tctcttccct	atagcatcca	gacagctgaa	aaacagaatt	ggctgcattc	180
ctatttttcac	aaatggtcag	ctgagacttc	tggccgcagc	aatgccatgc	cacatattaa	240
gacatatatg	aggccttctc	cagacttcag	taaaattgct	tggttccttg	tcacaagcgc	300
aaatctgtcc	aaggctgcct	ggggagcatt	ggagaagaat	ggcaccagc	tgatgatccg	360
ctcctacgag	ctcgggggtcc	ttttctctcc	ttcagcattt	ggtctagaca	gtttcaaagt	420
gaaacagaag	tc					432

<210> 253

<211> 436

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(436)

<223> n = A,T,C or G

<400> 253

aattcggcac	gaggcagaat	ttgtttggca	taaactctct	ggatccatgt	tgtcagcaga	60
gagttttatgc	caaacaaatt	ctctgctgac	aacatggatc	cagattttgt	ggagaggcga	120
cggattgggt	tagaaaaactt	tctcttgagg	attgcttcac	atcccatcct	ttgtagagac	180
aaaatcttct	atctgttttt	aacacaggaa	ggtaactgga	aggagactgt	gaatgaaact	240
gggttttcagc	tgaaggcaga	ctccagggtta	aaagcgctta	atgcaacatt	cagagtgaaa	300
aaccagaca	agagatttac	tgaccttaag	cactatagtg	atgaactgca	gtctgcatct	360
ccatcttctt	cgagtcagag	ctagagtagc	agatcgactc	tatgggtgat	ataaagnaca	420
tgggaattat	ggccag					436

<210> 254

<211> 412

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(412)

<223> n = A,T,C or G

<400> 254

caactctgaa	tcccagtttc	tagtgagcac	catgtgtaag	acttgcttga	tgtgtgtttc	60
------------	------------	------------	------------	------------	------------	----

atttgtttgt	ttcattcatt	gtatcaatgg	tttctctcc	cactttgcct	tctactccca	120
agtactgtca	aaagatgatg	taccttttcc	atagtcatca	ctcgccaaag	gaataaaaaac	180
ctggagtgtc	agtctctata	gtctgtgtga	gcagcactcc	catcctacaa	agaattccat	240
tgctttgtaa	ttatgatttg	cgatagggtg	caatatgtac	ccagatatca	agtccaccgt	300
tggcgctccct	cttccccctg	caacaccgca	angnggtgta	cttnaaggag	anttttgggg	360
cagntncccn	aantcaantg	ccattgcttg	cctgaacttg	ctttaaanca	ag	412

<210> 255
 <211> 410
 <212> DNA
 <213> Homo sapiens

<400> 255						
actttttgag	gaactgccag	ttttctaaag	caggcgccccg	caccatttga	cattcccatc	60
agctgtgtga	gggttccagt	gttcccacat	ccagtactta	ctattttctg	tctttttgat	120
tataggtatc	tttgtgggtg	tgaaatgata	tctcattgta	attttgattt	gtttctaattg	180
actagtttca	ttgagcatct	tttcatatac	ttaactggcc	atgtgcccc	attgctaaaa	240
cttagcactc	tgttttgtga	taatttccta	gtttgcctcc	tttgctaact	agaatttctg	300
ggagcagaac	ttatgctttt	tttttttaat	cttcatgacc	ctgacagcag	gacagcactt	360
ggtactaatg	ggctctaaaa	taattcaatt	ggaaaaggaa	tagtatcctt		410

<210> 256
 <211> 421
 <212> DNA
 <213> Homo sapiens

<400> 256						
cagcagtaaa	tggcagctgc	ccactcccgt	gatcagaggg	ctctgggtgc	gagctgcagc	60
agggcggtgg	ggaaactgcc	atgagatgca	ggaccctcca	attatctagg	gggccaggcc	120
catctcagag	gagcagctcc	agagggtgag	gcacaccact	gctaattctg	cagagggtcc	180
ggtctgactc	ctacctccca	cccagccaag	gctctcacct	gtgtaccctc	tcctgtctct	240
gaggcttcca	ggtgatggaa	gtttatcctt	tcccttgect	atttgcgtta	tgggcggatt	300
tatgattgct	ttttagcccg	ttttatggaa	atctttctaa	gatgtactag	gagcacctcc	360
tttttccaga	tcaacgtaga	agtgtcttgt	aaacttcgat	gactcggtgc	tgtggaaaaa	420
t						421

<210> 257
 <211> 411
 <212> DNA
 <213> Homo sapiens

<400> 257						
ttagcaagca	tcatttatatt	tttagaaatg	ttttcttttc	tccttgcccc	tcagttagcc	60
aagcctccta	ccactcactt	tctgttgtgt	agttctgatt	ttccgaacag	gtgttttagat	120
gatgaggggt	tatattaaga	aagtactaaa	gaatacgtct	tatcacgtga	atcagtatct	180
ttttattcaa	catggatgga	gtgggagtgg	agaccaatct	gttttatatt	cctgcaatct	240
gatgagggta	agaaaaagtt	catgctgttc	atattagcta	gccagcctct	ttctctcttt	300
ccctcccttc	cttctttctt	ctttattttt	tctttctttc	ttttgcta	acctaattcc	360
ttatctcatt	tttgggattt	tgagagaata	attttcatgt	ggggcgacag	a	411

<210> 258
 <211> 409
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(409)
 <223> n = A,T,C or G

```

<400> 258
aattcggcac gagggaggaa gaggcggtag ggggtacggg ggctgggtccc agaagatggc      60
ggaggcgggg gatttctggt aggtcctact ttaggacaag atgtggtacc gttgaagcgt      120
cagtctttga ttcacagaca gttgagcttt tcagctggga agcctttcca tttttttttt      180
ttaacggntt tntgancctn tgaancctng gcaaaaggan anacanagtc ccctggncccc      240
aaaaaggggg gcccatntnt ttcnttnnca ctanccaaag ggngaacttg atgattcgng      300
gagtagggct atttttttatt ggagnatttc ttgcattang ggtaaattta cttcaaattc      360
aaaaaaatgg gccctntttt ccccgagggg gatgnaagca tttttttttt      409

```

```

<210> 259
<211> 426
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(426)
<223> n = A,T,C or G

```

```

<400> 259
tgaagaggag atcgggtgacc tgggctcctt atgtgcctga aagagtttga gtttcctggt      60
aactccaaat caacagtatt ttcaacaaga aatgtgcaat tgaaatcaag tgctgtttaa      120
gtgcagctag gatttccaca ggaagacact tgcagtgaac agagttagtg agcagcaaaa      180
acacagatct atttgaaaaa agagaaaaaca tatgcgttgt attttgcttc aattataaaa      240
taccatcctc tcaaagggtg ttctaaatta caaaggactt tgatttctag gtagattctg      300
ggtagagact tcctttcata ttgaggcatt aatgacacct tttaacctgg gaagcaatat      360
gactggagtt gtactttgag aagattaatc aggtttgggt gcagaatgaa aganaagatg      420
aagcca                                         426

```

```

<210> 260
<211> 419
<212> DNA
<213> Homo sapiens

```

```

<400> 260
aattcggcac gagacgtaga gcatcagggg tttcttccag gtagggtctc acttagagtc      60
cctcctccat cagcaaatat agatggggtt tcacatcttc tctccataca tttatctctg      120
cttctgatcc acaaataagg gctgaaatgc aggtatctcc acagagtggg ttgtagaaac      180
catatgggtc aaatccattc ttggacaaga agcatttctc cagagttaac agagtctgca      240
gagatgtaat tttgcctagg ctttacagct gtggtcttgt aacaatcttt atttcataag      300
ctctttgcat aattaaactg cctattcggc cagtcttcct aggatgaaga aattgtctcc      360
acaaagtaag tagtattcag tttctacaaa gagatagtct attgccaaag gatatccac      419

```

```

<210> 261
<211> 424
<212> DNA
<213> Homo sapiens

```

```

<400> 261
aattcggcac gagaatgata tcccaccagg cacttcacaa gagaacatcc cagtgaggcc      60
agttgtgatg aattctgaga tgtggtacaa gcgtcacagt attgcaattg gagagggtgc      120
agcttgccgt cttgtccacc gcagacagct gacagaggcc aatgtagaag agatatggaa      180
gtctatgaca ttatcatact tacagaaaat tcttggcctg gattccttag aagaagtttt      240
agacgtcaaa cttgtcaatt cgaagtcat catccataat gtatatagtg ttagcaagca      300
gggagttggt attcttgatg acaaagtcaa aagaacttcc tcattgggtg ctgcagctat      360
gaagtgtttg gcaaattggc ccaactgttc tgatttgaag cacctatgtc ttgggatttg      420
aaaa                                         424

```

```

<210> 262

```

<211> 422
 <212> DNA
 <213> Homo sapiens

<400> 262
 aattcggcac gagctgagca gtaggctctt tttgtttacc atttgcacca tgagagcttc 60
 tccattcaaa ggcataaaat gttattggaa tctacctgca aaatgaattg gctgattggt 120
 ttctgttcag acacagatac agcaaattgc cactaagaat ctgcttttgc gtataccggt 180
 ggctgtaatt tatgtagcaa ctgggttcttg ggaatttcaa gaagaaactt gttttcttat 240
 cctcacctat aaagtaagca ccaaaattta aattataagg cagataacct aagtccttta 300
 cctctatctc aaccttcaag gcctgtttct tggtagctct gcctgtttca taggattctt 360
 accgtttgtg ggaggcttgg agggagtagt gaggaaccag ttcttgagga tgtctcaata 420
 aa 422

<210> 263
 <211> 407
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(407)
 <223> n = A,T,C or G

<400> 263
 ctggatttca gatttctagc tttcaaaact gagacagaat aagtttctgt tgttttaagc 60
 tccccctcc catttgtggt agcttggtac ggcagcccta ggaaaataat agggcaaagc 120
 agagtttctt gccagtatg tcccccttgc cactactggc ctgcagtcct ggtggtcaga 180
 cttatccttc tcgctctgtg ccttgctagt cacaaccccc ctgagcaaaa tgatgtgcaa 240
 gagaagttag agaaaagacc tttcatgcaa ctgagaacac agccccgaag cctgacttgg 300
 ttcacacctt gcccaagtct aatttgccaa agaccttgaa agtgacctta ggatgntaaa 360
 gatacatctt ggtagagaga gagagagaga gagagagaga cncctcc 407

<210> 264
 <211> 417
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(417)
 <223> n = A,T,C or G

<400> 264
 ggatcgcgtc attgcactcc agcctgagca acaagagcga acaaaaaaca acaaaacaaa 60
 caaaaaaaac ccacccaaat cctttttttt aatgtagtag ggtttatata gatatactaa 120
 tataattgca tttggagaat taaagtatgt atggagccca cacatactgt gatataaagt 180
 gtatatacag atatttggat attttctagt ttgcatgatg attaagagaa ccacatggga 240
 aaatacnatc tncaaagtga tgtttatcct ggaattaccc antttanatt anagaggttg 300
 ttcaaattta actagataac tctagtttgt actgtatagg tgcagttatg acagtaaaaa 360
 aatagcctct tggctcatac ctgtaatccc ccactttggg aggccaaagg gggagga 417

<210> 265
 <211> 419
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(419)
 <223> n = A,T,C or G

<400> 265
 aattcggcac gaggagcctt cttgtaagge cttctggtgc gatccctggt gggctgcttg 60
 gcctacctgt tgctgtgccc gccttgcaac tgaggcgag ccaagatgaa gctggagtcg 120
 gcacaggtgg tgaggagga ggacggagag accctgtgcc tttgatgaca atgctggcag 180
 ctgcctctgt cctctcttgt tatcttagca aaacgaatcc taaccctgtt ttatgctctg 240
 ctggttgagt tttgtgttcc taactgatgg acttttagaa gctgagggct tcttaccgca 300
 ggtagacgtt aaactgtgaa tgctaaaacc aaaccaagtg tccatgtgag tgnngngngaa 360
 ctttaanaca tgtacagnta ttatcaccnc cacgttatat tcangtctga cacttaate 419

<210> 266
 <211> 416
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(416)
 <223> n = A,T,C or G

<400> 266
 aattcggcac gaggaagtac tgtggctgta tacagaacct gtatgctggt tgttcttttg 60
 cgggtccaga taaacataat tgggtgatat atttacctgg ataatgcagc agttggcaaa 120
 aatggcacta caattcttgc tccccagat gtccaacagc agtatttatc aagtattcag 180
 cacctacttg gagatggcct gacagaattg atcactgtca ttaaacaagc tgtgcagaag 240
 gttttaggaa gtgtttctct taaacattct ttgtcccttt tggacttgga gcaaaaacta 300
 aaagaaatca gaaatctcgt tgagcagcat aagtcttctt cttggattaa taaagatgga 360
 tccaaacctt tattatgcc a ttatatgatg ccagatgaag aaactccatt ancagt 416

<210> 267
 <211> 389
 <212> DNA
 <213> Homo sapiens

<400> 267
 aaaaaaacac aaaagcccc ctttataaat aaacctaaac cacacacaca caaagtttgg 60
 tgaatgagta tatatatacc actgatgaaa ggaagggtgaa atgttttgcca tacatatattt 120
 tatgatcggt tacctgaaat taacctttta aattacataa ccaattgttc taaatcacat 180
 tagataaaaag gggtttttact gcataaatat cataatatat aaagagctcc taaagatcaa 240
 taagagaaaag gtaccacta caaaaagcaa aaagtggcag aagattatac atgggcattt 300
 cccaggaaaa gaagtactgg tgaataaaaa agaaaagatg ttcaaattga ctctggttat 360
 tagggaaatg taaaccgttt ttcaccaga 389

<210> 268
 <211> 405
 <212> DNA
 <213> Homo sapiens

<400> 268
 aattccggtg ctgtcggtgg tggctcacac ctgtaatccc agctactagg gaggctgagg 60
 caggagaatc gcttgaacct gggaggcgga ggttgagtg agctgagatc acgccactgc 120
 actagagcct agacatgaga gcaagattcc atctcaaaaa aaaaagaaaa gaaaaagaga 180
 gctctgaaca agcgctttta gggtcacaga gaaagtgcaa cctgctggag gctgagagtt 240
 acaggtcttg aaggcgcttc tgtgaggaga ggaagcccca ggcgcgagcg ctcattttca 300
 gtcattctaa aatagagcaa accaggctgg gtgcggtagc tcatgcctat aatcccagca 360
 ctttgggagg ctgaggcagg cgggtcactt gaggtcagga gttct 405

<210> 269
 <211> 396
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(396)
 <223> n = A,T,C or G

<400> 269
 aattccggtt ctgtcgggtga agctggcatg gctaagggac accaaaaagg tcaactgtggt 60
 tagcttggaa tgaatgaggg gtggtaaaaa tggaagtggg gagaatgagc acatttgaga 120
 tatattttga aagtagaggg aacagagaaa gagatggctc cttatttgct ctgaacaagt 180
 aaaagaggag gagttatagt tagcacagat gaagaagact gtgtgtggag aaattatatt 240
 attttatttt attattgggt gtagatggac tcagagttta gttttggata tgttaacttt 300
 gaagtgtctt attaattatt gcagtgtgaa accactttat cagacagtag naaaaatctc 360
 tcttataaag ggaaacaaag gagtanaatg tttgtc 396

<210> 270
 <211> 406
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(406)
 <223> n = A,T,C or G

<400> 270
 aaaaaaatag acaaaactctt ggtatatacc aggctatctt ggtttgctgc agctgatcaa 60
 atgaaacagt ttgttatggg ttacgaatg agaatatcac agactctctt ctaattttaa 120
 gcccctgtgt gaaaatgttc agtcaggctg cagcagtata tttcaagagg atgaaatatt 180
 cagccaaggt ctctctgcag tccaggcaga cagctggaaa ggtgcgctct gagttctgat 240
 taaactgtgt ccccatacca ggggcttctt gtttcttgca tcctttacct gagaggggac 300
 aatagttctt tctaacttaa ctgagctgat tggcatcttc ccggaaanct ttttaattacg 360
 tgtggcaccc taaaaagggg gatgaccacc gaaccatcac cctgag 406

<210> 271
 <211> 404
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(404)
 <223> n = A,T,C or G

<400> 271
 aattcggcac gagaaacatt ctgttttagt catccttgag gatcggtttta actccttgat 60
 ctgtaaaact gtcttaagca tottaacatg ttacatcaca gggtttttagc tcagattttcc 120
 aaagagccat attttttgat gcatatttcc agttgaattc cagtgtgaat ttccagttgt 180
 actttgcatt ctgattcttt gatatttgaa cttggccatc tgtgggtgct actctcgtaa 240
 gactaaaagg cacctactaa atacgaacaa ggataaccag ttctaccaaa aacattacca 300
 accaaacctc ccctgttctt ttttcagact ttctttttgc tttcaacctc ttaaactgta 360
 aaggagagat ttaatgnttc cctattattc tgctttgact caca 404

<210> 272
 <211> 396

<212> DNA
<213> Homo sapiens

<400> 272
aattcggcac gagggattac aggcacgtgc caccatgcct ggctaatttt tgtatttttta 60
gtagagatgg ggtttcacca tcttggtcag gctgggtctca aactcctggg gatccacctg 120
cctctgcctc ccaaagtgtc gggattacag ccatgagcca ctgcacccag ccggcttcat 180
ctcttcttga aatcactttt ataccattct atgtggttct caccatgagc ttgagtgggtg 240
ggctaaagtg cctctccctg ctttcagctt cctgctggga actcactctc tcaagttcct 300
tccagcacca ccccatagag ttcccatcac tccacactgt ccagtgacaa ctcccaacat 360
ggaagatctg ctagttctac aggggtgctct ctggct 396

<210> 273
<211> 420
<212> DNA
<213> Homo sapiens

<400> 273
cacttcccat gctcctaggg ttaggaatag tttcaaacat gattggcaga cataacaacg 60
gcaaatactc ggactggggc ataggactcc agagtaggaa aaagacaaaa gatttggcag 120
cctgacacag gcaacctacc cctctctctc cagcctcttt atgaaactgt ttgtttgccg 180
gtcctgcctt aaggcagaag atgaattgaa gatgctgcgc atgtttccta agtccttgag 240
caatcatggg ggtgacaatt gccacaaggg atatgaggcc agtgccacca taggggtggg 300
ccaagtggca catcccttcc gatccattcc cctctgcac ctcgagcac cccagtttgc 360
ctttgatgtg ccgctgtgta tgttagctga attttgatga gcaaaatttc ctgagcgaaa 420

<210> 274
<211> 429
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(429)
<223> n = A,T,C or G

<400> 274
aattcggcac gagatcttgt tgagcttgta aaatgccagc aattttaaacc taggactttt 60
ccccccataa gccaaaggagg tagaattact aatacaaggg ttaaagaagg tagattttgt 120
tttcaatatt tgggtaatat tagaaaagatt cttcccacag ggaagaacta gcaagtgtcc 180
caattttttc caaacgttgg ggaggggaaa attcactgta tcatgaaacc ctaaggggtt 240
gttgcacttc ctgcttttta ggcttgata acagtatcac catccttatt tacagaaggg 300
taaaactgac tcttaatgag aaaagcttta taagttcaag ggctgtaaaa tatgaactac 360
ttaaggtcgt ttgccttcca tgggaacttg gctagactta naaaaagctg ttgttngnct 420
aatgtaaaa 429

<210> 275
<211> 386
<212> DNA
<213> Homo sapiens

<400> 275
acgctctcgg gagcagttct gttaatccct gctgggagca gagactgcga aaagctgagt 60
ccgccgatcg tgcccgggac aaggctgcct tccactcgcc gcatctacct ggtaggcggc 120
atgcgcacgg gcttagagggc ttgagagcct ctggaagaga aagggtccca ggaaggaaac 180
ctgcccccg cctaagtgtc ggcgcccaga tcaccacgaa ccccgcacct aggcgcgcgc 240
caccaagttc caaagaagtc cgaggcgacc tgggagtcgg tcggatccca gccgagaaaa 300
gaaacaagca ggatagcaat tcttatggga gccaccctgg gagtttttagg cagcgtttgc 360
ctttccctgg ttttcttacc aagccc 386

<210> 276
 <211> 406
 <212> DNA
 <213> Homo sapiens

<400> 276
 gggaaatggg gccctaggag ggtgggggcg ggaaggaggg gcaaggtctt tcaggaacca 60
 gacccaacag gcccttctgt agcctccccc ttgccctcaa agggggagtg ggggccagct 120
 ttacctcacc cactgtgacc cgccgcttcc ccttcagcct gggaccaggc tttcctagat 180
 cccagcacag ctctgagctt gttcctttga ggcatagaga gccagagtct ggcttccaga 240
 gcattgactt cctcttccta gacttgagge cttttctctg gctttcctcc tttgccctgc 300
 agtagcaact ggtgctggga caagttgacc cacctctcac agtcatgggt gtggccactt 360
 gtgggagttt cctgtccacc tcccaaagac ggccaccag cgggtc 406

<210> 277
 <211> 395
 <212> DNA
 <213> Homo sapiens

<400> 277
 acagcactga gctagaggac gacgccatct attcagtga cgtccctgct ggcctttacc 60
 ggatccggaa aggggtgtct gcctcagctg tgcccttcac tccctcctcc ccgctgctgt 120
 cctgctccca ggagggaagc cgccacacga gcaagctttc ccgccacggc agtggagccg 180
 acagtgacta tgagaacacg caaagtgggg acccactgct ggggctggaa gggagaggt 240
 ttctagagct gggcaaagag gaagacttcc acccagagct ggaaagcctg gatggagacc 300
 tagatcctgg gcttcccagc acagaggatg tcatcttgaa gacagagcag gtcaccaaga 360
 acattcagga actgttgcg gacccaaga attca 395

<210> 278
 <211> 391
 <212> DNA
 <213> Homo sapiens

<400> 278
 aattcggcac gaggtgaggg ctgtgcaagg gggaacactg agcagatacc tttggcccct 60
 tccagctttt actgacagag agttccaggc tagacaccat aaaaaccacc cttgttctg 120
 aggggctgag gctggaaata gattgtacag acaagcaagg gttgagtggg ggttcccaca 180
 cgaagtcata tcttaatcat cattagcaat agcagttccc ttccaaggcc tcccctcact 240
 cccgaaacac ttacgtccca tgcaggccca atgcaaaaaa aaacatttga gcttttttcc 300
 cgcagggcca tgaagtcccc ttaagttccc atatctaaga tggttgactg accctctccc 360
 cttatgtaca gaagaggaaa ctgatttctca a 391

<210> 279
 <211> 377
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(377)
 <223> n = A,T,C or G

<400> 279
 gtaaaggagg ggtggtgcta gacgtttcgg gcagagctcg gccgctgcgg aggacaagga 60
 actctccctc tcccactagt ctgacttctt ccaaaatgag cggcctggat gggggcaaca 120
 agctccctct cgcccaaacc ggcggcctgg ctgctcccga ccattgctca ggagatccgg 180
 acctagacca gtgccaaagg ctccgtgaag aaaccgaggc gacacagggt atggctaaca 240
 caggtggggg cagcctggag accgttgcg aggggggtgc atcccaggat cctgtcgact 300
 gtggcccccgc gctccgcgct ccaantgccg ggagtcgcgg cgggtgcagt accaaagccg 360

ggcaggagga tgctcca

377

<210> 280

<211> 329

<212> DNA

<213> Homo sapiens

<400> 280

cctttttgaa	cttcccttct	attaaactta	aaacagatgt	cttaattaat	caggctgtct	60
tggaagggta	ttgtattggg	agacaagggg	cggtgggtga	cctcaccttc	aatccaagtt	120
ttcaaagata	ttttctcaat	aactctaaaa	gggaggtgct	tgggattaag	gtgacagtcc	180
acttgatcct	tttctttggt	ttagtgtgaa	tttcagcagc	tccatctgtc	ttcatgattg	240
tacttgagca	gtattagctg	tatgagttaa	ttttattcag	attgaagatg	gagggcgggt	300
tctgctcact	cagtcctttt	ttttttttt				329

<210> 281

<211> 243

<212> DNA

<213> Homo sapiens

<400> 281

aattcggcac	gagcctggat	gtcaaagtcc	tagagccaga	aatatattct	ctcatccctc	60
ttagcattct	cttgcctcct	cattcactag	ggcaaatgtc	taaatgaaga	aaagtctctc	120
tcaacacctc	gttcatgcaa	tcagcattag	aatttgtaag	gaaggaagg	gggtggcatg	180
aaaatttcca	ttcttggggg	atatgactgt	cctgtttccc	ccaggccact	tttttttttt	240
ttt						243

<210> 282

<211> 433

<212> DNA

<213> Homo sapiens

<400> 282

cggaccagaa	ctgtcttagc	ttttccctct	gcggtgctc	tgggttggtta	ctttgagcct	60
gcctcctcag	cgccgcagga	gagacttaac	agcaaaaatg	actgtgtcct	gagttcagcc	120
cccactgctc	tgggagcttc	cccctgggtt	ctgcacctga	agaatgtcat	cccagccgaa	180
ggttcttagg	agcggggagc	gacaaagaaa	aacaaagaaa	agcagacctg	aaaattggga	240
cctgggagaa	atgtaagaca	tgtgcttaat	ttgaggcaca	gaccaaagaa	agctgagtct	300
gagggccctc	taaaagtgtc	ctcgtgcttg	ggcagcttac	attcttggcg	gcagtagtgt	360
tatgaagagg	accttcggag	ccagggtctgt	ccattcttag	ggctccagcc	actgctgagc	420
atcaaacgaa	gtg					433

<210> 283

<211> 426

<212> DNA

<213> Homo sapiens

<400> 283

aattcggcac	gagacaggat	gatgggcaag	ttttactccc	aaatctttta	atctacagtt	60
tatactgaaa	aactaaacta	tgtaaaattc	atcagtcacc	tcataaacat	taagatacct	120
tgggaaactc	atacaaaagt	aatggtttta	acatgacttc	agacttagta	aatcatcctt	180
ttagttttgc	aaaacaaagt	aaaacatcca	ttatatttta	catctctatt	atatcaaagt	240
tggggcacat	cagacaactg	aaatgtcacc	agcctcaagc	agccacagga	gaagcgtgtg	300
tggttgagag	cctgctggca	gaggtgcacg	ggggctccat	ctctgagtac	gtttcacagc	360
ttgtaccatt	tacatgtcac	cgccttaagg	cagagctctc	attccccttc	ttaagcaggt	420
agttgg						426

<210> 284

<211> 430

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(430)
<223> n = A,T,C or G

<400> 284
aattcggcac gaggatgagt gatcaagaat tagagtgcc tggagggtcac tcacaagtcc 60
tcatggagac tctgccgtga cctcgcgcat gcgagcacct tcctgtctct cattttcacc 120
atctgactgg ggctaggttt ggtagagggg cggctgtaga gcaccctcag gagaagtggc 180
gccgcagggg tcacgcatgg tccagccctc aggtgggagg gaagtccttg ttggcagagg 240
gatgtggggc gggaatgagg aaaggggagg gcatgatcct ggcaaatagt ctttcctttt 300
ccgtaattac agagaaccag ganttttttt aattattgnt attataatta taattattat 360
tattattgac atgaggaaac ctaacactgg cagagggcac cttctctgct tttaatcttt 420
caggnttgac 430

<210> 285
<211> 423
<212> DNA
<213> Homo sapiens

<400> 285
aattcggcac gaggccatca gaactgtgaa agaaaataac attttttctc tcttttttaga 60
aagacacagg ttcagaatgg tgttggtcagg gatcacaagc tcccagcccc gtgatttagca 120
aattgaccct gctgccctgt ctgctggctg ctttcttatt ctgagaattg tgttgacaag 180
accctctttt cctacagagc tctctcttaa tgttgcttgg aatagccttg tgtcctggag 240
acagttttag gtctggcagg atctgagAAC aggagtgggg atcttggaat gggatctgca 300
tccttgagct tcatccacaa aggggtgggaa tgtggcttgg gctgtggggg ggaggtagat 360
gaacagctgg acttgacagg ctatcttctg ttgtttctca ataaagtaga caaagtccat 420
ctg 423

<210> 286
<211> 421
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(421)
<223> n = A,T,C or G

<400> 286
aattcggcac gaggtggaag gacagcatcg atgaactctc ctggagggtca ctgcaaaggg 60
tggcagaccc tgctgaggtc cctgaatctg cagcctccag acaataaact gaaccttacc 120
cagaaggctg gcacaaagcc cccagctctg tgggtaggat ccccccttca ctgccctctc 180
tctgagaaaag gacagcacac ccttgggaaa gggggaggag agagactgag cacaaatcca 240
ctgctggaaa ttactattca gcagagaagc tgggtcttgg gctgtgaatc actgcaggcc 300
tcctgataag ctgctgcctc cagccctgca cagctgtctg ttgagagata acagcctcat 360
aagcttctct gccaaactca agccagctgg gggggggggg gctntnnnng ctggaaaact 420
c 421

<210> 287
<211> 425
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(425)
 <223> n = A,T,C or G

<400> 287
 aattcggcac gagaggacat ggatcagctc ctccagctaa ccaggaagct tgagagtagc 60
 cagcccaggc aaggagaggg taacaggacc ccagaaagtc agaagaggaa aagcaagaag 120
 gccaccaagc agaccctaca agatagcttc ctcttgacc tcaaattccc tccttctttc 180
 cctgtcgaga tctctgacag gttgcccgtc gcctcctggg aggggcagga gtccctgtgg 240
 aacaagcaga cttccaggag cgaagggact caccctgagg gaacatatgg agagcaactt 300
 ggtcctgagc tgtgcaacca atcagagtcg aggggagaag atttcttcct gaagtccagg 360
 ctccaagaac aagatgtcnt ggagaagatc cacttctttc tatacccaca tgtgcaaccc 420
 ctggg 425

<210> 288
 <211> 421
 <212> DNA
 <213> Homo sapiens

<400> 288
 acatctttaca aacaaggctg gagaggaaaag agaaggggtc agagtacaga tggcctctca 60
 tttcaggcag agaggttggg tctgtacatg gaaggcagta gggagccctt gacaactact 120
 gaggcagat tggcagaact aattgggtgtt ttagaatgag cagctgggaa aactccgtag 180
 aagggaccag aagaggcaag tctgaaatca aggagccaca tggggagttg ctttaacagt 240
 agaaggtcac tcacagcttt acccctgtgc aaagagaacc ttggtgcaaa ggttgacaca 300
 gccactttacc agccatagga ccttgagcca gttttaaatc ttctgtacc tccttgccgt 360
 atcttgcac tagggatgct cgtgtcattc attcgttcaa ccctaaaagg gcccgtttca 420
 g 421

<210> 289
 <211> 419
 <212> DNA
 <213> Homo sapiens

<400> 289
 agcacttttg gaggccgagg cgggtggatc acgaggtcag gagatggaga ccatcccggc 60
 caacatagtg aaacctcatc tgtgctaaaa tacaaaaaat tagccaggct tgggtggtgtg 120
 cacctgtggt cccagctact tgggaggtcg aggcagggga tttcttgaaac ccagaaggcg 180
 gaggttgacg tgagttgaga tcgcgccact gcactctagc ctgacaacag agcaagactt 240
 cgtctcaaaa aaacaaacaa aaaaagaaat tacattagtt gaggacctgc tgtatgtgat 300
 atgaacaatg aggatcaact ctttttgtaa tagttttttt acatatgtta tttcatttgt 360
 ttatttcctc tgtgagggtg agtattgata gtccagtcac agactggtaa cacaggcac 419

<210> 290
 <211> 416
 <212> DNA
 <213> Homo sapiens

<400> 290
 aattcggcac gagggaaggt agaatttgta aaagttcgta tgctttgcct ctcaactgca 60
 ttaacatgcc acaggctcag actgtttttg tgtaaaggat gtcaaagaac ggcacttttt 120
 ctaaagagaa gtttgatatt ttgtatgctt gttaagaaag tacagtattg gaaattaaag 180
 gtggacaact gataattgag gagtatgtca attaatTTTT tatgtatatt acctgtttac 240
 ttgtacaact tactgtacaa attacatgca gcttcatttt caaatgaatc cttaaaataa 300
 ggaaatcttt ttaggaaaac atttaatttt tgtatttttg attttaaagg catgagttat 360
 gtcaattttc agtgtattaa tgaagatttt aacttttcat cagggtgagt gttttc 416

<210> 291
 <211> 415

<212> DNA
 <213> Homo sapiens

<400> 291
 aaattgtcta ttaaatgcaa gacgtggttaa tatacagaat ttatcaggca ttaccaagtc 60
 taggcacata taggaaatgc agcactcaga atggtttcaa tgtagtagtt gatgcttgta 120
 aggtagggga gcttattcag acatagtaga tagtttctct aatgctgtct caattgctgg 180
 cctttggcta cctgtacttc cccattatgg cagcccatct gcgctttttg ttctctctgg 240
 gacaccttat gctctgaaat catgagcgag gctgattcaa ttggtgattt gggtagaaaag 300
 cagtatgttt tgctgacatt aagatgtagg ttatagatag gtttagccct taagtgtatg 360
 tttttatact ttaaaataag aaatataacc ttttaagcta ttccctcttc cccag 415

<210> 292
 <211> 417
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(417)
 <223> n = A,T,C or G

<400> 292
 aattcggcac gagggaaaaa ccaaaccctc tectggttaag ttgtgctgc cagccctaga 60
 aactgtcaag tgtgncactt tccatcttac ctaggaatag tccatttatt ttcgagccta 120
 gctttttgtg tttctgtggt tagctgcact cacacgtacc aattttttaga ttcacgtcag 180
 ctacatatgg aggggatcgt ttgagtctag atctcactgt ctgttccttt tcgaggggaag 240
 caagttttct ctcaagaagg attttgatgn ctccgataaa aatagctatc ttattaatct 300
 aatanttgga agtttagagg tctgtgtgtg gagtgggttg tttggtggaa cattcgataa 360
 gcagctggna aagnttcctt tctgagtggg ctgtaccttg gaaatggttc acacaac 417

<210> 293
 <211> 416
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(416)
 <223> n = A,T,C or G

<400> 293
 aattcggcac gaggttgctg ggtgggaggg cggccaagac gtctgagcag tatcccaggc 60
 accccttcca gcccgagggt acctcgaaag cagcagagag aacggggact ggagggcgggt 120
 gggccctgga aatcctctca tgggtgcgggt ggggggggat ggggggtgga ctgtcacagg 180
 tggaggcagc aaggcagctc ctggcagcag gaagaggccc aggtgcagca ggaaaccccg 240
 tccttggtgc tcaactggtga ccgtgggcag aggagaggac aagtctctcc acacagcagc 300
 ctggggccat ggggtacagc catcttttgc aattgtcttc ttttatttat tctgcaaaat 360
 gccattccc aaaggcttct gcacccctgc catcaaacan gacagtcngt gccttt 416

<210> 294
 <211> 419
 <212> DNA
 <213> Homo sapiens

<400> 294
 aattcggcac gagaagccgt ggggacgcgc ccagcggagc taatcagatt acctggctgg 60
 tggttgcttg ttctggagtg atcttctgac tggaaaagaa ctatgtcatg gatcaaggaa 120
 ggagacctct cactcctgcc tgggtgtcca acccgttctg tggccagagt atacattttg 180

gaacctcttc	gaggccatcc	tgcagttcca	gatgaaccat	agcatgcttc	agaaggcccc	240
aaacacattg	cattcataat	ggacgggaac	cgtcgctatg	ccaagaagtg	ccagggtggag	300
cggcaggaag	gccactcaca	gggcttcaac	aagctagctg	agactctgcg	gtgggtgttg	360
aacctgggca	ttctagaggt	gacaagtcta	cgcattcagc	attgagaact	tcaaacgct	419

<210> 295
 <211> 419
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(419)
 <223> n = A,T,C or G

aattcggcac	gagaccgaga	tctgacttga	atgcagacaa	aaaagcagaa	attctaatta	60
acaagacaca	taagcagcag	tttaataaac	tcattactag	ccaggctgtg	catgttacaa	120
ctcattctaa	aaatgcttca	cacagggttc	caagaacaac	atctgccgtg	aaatcgaatc	180
aggaagatgt	tgacaaagcc	agttcttcta	actcagcatg	cgagaccggg	tccggttctg	240
cgttgtttca	gaagatcaaa	ggcatactcc	ctgttaaaat	ggaaagtgca	gaatgtttgg	300
aaatgaccta	tgttcccaac	attgatagga	ttagccctga	aaagaagggt	gaaaaagaaa	360
atgggacatc	tatggaaaaa	cnangagctg	aaacnagaga	ttatgantga	gactttgaa	419

<210> 296
 <211> 415
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(415)
 <223> n = A,T,C or G

aattcggcac	gaggtgcccc	cagccagggt	gagccccctt	cccagaactg	cctcaccacc	60
cagcccttgt	gtgatcctca	tgtctcctgc	cccaggacca	catcctgagc	ttgggtgccg	120
acttcacctt	gatctccctc	ggcagcacca	ggagaaagtg	gagcggctgt	tagagggtgc	180
acgtgaacct	gacaaggggt	ggcggggact	ggcagaccat	ctgggctacc	aagctgaggg	240
tgtagaatat	atggcccaag	gccagggtgtg	agcctacaca	ctgctgaggg	actgggctat	300
ccaagaagac	agtgggtgcca	cccacaaggt	gctagagaat	gccctggttg	ccatgggcca	360
cgaaaatgtg	gtccaagtcc	tgggccccca	agctgagggc	tgncgtggtg	gtgag	415

<210> 297
 <211> 413
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(413)
 <223> n = A,T,C or G

cttctgctgg	gactggccat	tatctcaggg	cttctgttgc	attatagccc	tgtgttctgc	60
tggaaagtag	gaaacacttc	caggggacaa	aacatggatg	atgtcatggt	tttgggtgat	120
tcagaagagg	aagaggagga	ggaggaggag	gaagatgctg	ccgtagggga	acaggaggga	180
gcacgtgaga	gagaggagtt	gccaaaagaa	atacctaagc	aggaccacat	tcacagagtg	240
accgccttgg	tgaatgggaa	catagaacag	atgggaaatg	gattcaggat	cttcnagatg	300

acagcagtca	ggagcaaagt	gacattgttc	aagaagaaga	caggcccant	ctgaanaaga	360
agatgggcca	tggttgtctt	ctctgaaagc	ttggagagct	acatttgaag	acg	413

<210> 298

<211> 409

<212> DNA

<213> Homo sapiens

<400> 298

gtcggcccag	ctccggccat	ttgcccggag	gcctcctctg	ggcctttcaa	cttcctaagc	60
accttttcagg	ttgggttggtc	cgagatctcg	cgagcgctcc	cgacctcttt	ccttttcgga	120
gateccctct	cctccccctc	ctagtctcct	cggcaacggc	acagatctcg	cgagcttctc	180
ctactttctt	agcgctgtgg	ctcactgaag	cgtactacgc	cggatgtctt	aagatatcgc	240
gagaccttta	cctctgggtt	cttacacatc	ctttagaaac	tggaatttag	cgagaataca	300
ttctttcata	ctgcctcctc	ccttggtttt	ctgtctcaga	gagatagtct	gtcctaaata	360
tcccatgtag	cccaggccac	tgaattaaaa	cggagcgtat	tcgttctct		409

<210> 299

<211> 434

<212> DNA

<213> Homo sapiens

<400> 299

aattcggcac	gaggggtgggt	gtcctgagtt	tggcctggga	gtcaggtgag	gcagtggagt	60
gtttgaagag	aggggtgaggg	gtatgggcga	ccgcacaga	cttgaatccc	aggggctcct	120
cagcagtgtc	gtgaaagggc	tgtcgctggc	tgggactggc	cttaacagaa	gggaaatgca	180
ctatctcgtg	tcttgcgatc	tgggtcagca	gctcggctcg	gtcatctggg	atgcaggctc	240
ctttcctctt	tctcctcctc	catttcatag	ctccagggtc	accactgcac	agtaatggcc	300
agagcaagaa	agggaccatt	gtgcctctgt	cccccttctc	aggcaccagg	tagactttcc	360
tctgtctcgt	tgaccaggac	taagtcaaag	tatgtatcct	tagtagggaa	tgtgatgagc	420
ctaattggcat	gggc					434

<210> 300

<211> 410

<212> DNA

<213> Homo sapiens

<400> 300

aagaaaggaa	ccaaacaagg	cgtgagtgtg	ttggggaacc	ttcccagtgg	agcaaaccct	60
cttaacacac	cagctgttgg	gaacagctgc	ccctaaatcc	aattaaacc	tcattctcct	120
gggtctgaac	agtctacact	ggcccaggaa	gctaacgtct	gagccgcttg	gagagctttg	180
gtaaacagaa	gacactggaa	gcccactcgg	tcagcagctg	ggcatgagga	tgtcaggggc	240
ctttggactt	gaggaaggac	agtccagggt	catggaatcc	taatgggcct	catgcagaca	300
ctggaagcag	cccagccccc	tgcccaatac	cacagccctg	gggtgtcccc	tgacattcct	360
ggaggtccct	gggcaaatgc	atttcttgcc	tgggttctca	gggtaggaaa		410

<210> 301

<211> 410

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(410)

<223> n = A,T,C or G

<400> 301

aattcggcac	gaggctacca	gagtttgatg	aaagtagccc	cactaaaaac	atctcacgtc	60
ctttattcta	attctgacct	accaaaaagc	cttctaagtc	aatgacacaa	tgtctggagt	120

gcctctgtat	gttatgaaag	attgctctag	acatcctacc	cctgttcttt	agtcagatgt	180
gttttccagg	gtaacccaag	aatgacattt	tagcttgtca	gtatcttgga	agtgattagt	240
aagagctcag	tcctaaagac	tggtttgttg	tgagtaaaca	aataaagctg	gatttctgaa	300
acagcaaagc	tgagactcca	gaccagtaat	gctcaacctt	ctttctgtcg	agcatgcctg	360
gnagtaacag	tggtccacat	ggaagtaaag	gagtttgttt	tttgaagggg		410

<210> 302

<211> 413

<212> DNA

<213> Homo sapiens

<400> 302

aattcggcac	gaggctggag	gcattcgaaa	gggactcccg	atgtggtggg	cggggctgaa	60
ccctgtggct	tctgaggtcc	ctgccagcca	gagacttgtg	tgagtctttg	aatggcttca	120
catgaacaaa	agagcatttc	tgtcaccttt	cctctagttt	tttccaccac	accaccagg	180
gagctgaggc	aagggtgttt	ctgttgctgt	ttccttaggt	cagctgaggc	tgtccattga	240
tgcccaggac	cgggttctgc	tgcttcacag	tgagtacggc	tttgtgcagg	ctcaccaagg	300
aaggggcggg	ccactcagca	gagcagggcc	acagaagagt	tttcctatct	tcctctcctt	360
ctttattcca	tcctttcttc	ttttctctat	ttttctcact	cattcattta	ttc	413

<210> 303

<211> 410

<212> DNA

<213> Homo sapiens

<400> 303

aattcggcac	gagggtcctt	cctccagccg	cggggcaccc	ccttctccca	ccttgccctt	60
ccccagccc	tgcagcccca	gagtgagcat	ggcccaggag	gaggggtggga	gcctgcccga	120
ggtgcggggc	cgggtcaggg	ccgcgcattg	catccccgac	ctggcccaaa	agctccattt	180
ctatgaccgc	tgggctccgg	actacgacca	ggatgtggcc	accctgctgt	accgtgcgcc	240
ccgcctcgca	gtggactgcc	tcacacaagc	ccttcaggcc	cgcgccaca	gtgccctgat	300
cctggacgtg	gcctgtggca	caggcctagt	ggctgccgag	ggaccttcga	cgcgggtgctg	360
atagtcgggtg	ccctcagtga	cggcaggtgc	cctgcaatgc	gatacctgac		410

<210> 304

<211> 413

<212> DNA

<213> Homo sapiens

<400> 304

aattcggcac	gaggatgttc	acaaaagttt	tatcaactca	ctttgttttg	atactgaagg	60
tcacatcatg	tattcaggag	attgtacagg	ggtgattgtt	gtttggaata	cctatgtcaa	120
gattaatgat	ttggaacatt	cagtgcacca	ctggactata	aataaggaaa	ttaaagaaac	180
tgagtttaag	ggaattccaa	taagttatct	ggagattcat	cccaatggaa	aacgtttgtt	240
aatccatacc	aaagacagta	ctttgagaat	tatggatctc	cggatattag	tagcaaggaa	300
gtttgttagga	gcagcaaatt	atcgggagaa	gattcatagt	actttgactc	catgtgggac	360
ttttctgttt	gctggaagtg	aggatggtat	agtgtatgtt	tggaaccac	aat	413

<210> 305

<211> 410

<212> DNA

<213> Homo sapiens

<400> 305

cccagctggc	caaccctgac	ataccctctg	gccagccga	gaacttcctg	atgactcttg	60
cctccattgg	cggcctcgct	gctcgtctac	aactctgggc	cttcaagctg	gactatgaca	120
gcatggagcg	ggaaattgct	gagccactgt	ttgacctgaa	agtgggtatg	gaacagctgg	180
tacagaatgc	caccttcgcg	tgcactctgg	ctaccctcct	agcgggggca	acttcctcaa	240
tggctcccag	agcagcggct	ttgagctgag	ctacctggag	aagggtgtcag	aggtgaagga	300

cacggtgccg	tcgacagtca	ctgctacacc	atctctgctc	cctagtgtctc	cagacccggc	360
ctgagtcctc	tgacctctat	tcagaaatcc	ctgccctgac	ccgctgtgcc		410

<210> 306
 <211> 405
 <212> DNA
 <213> Homo sapiens

<400> 306						
aattcgccac	gagcccagct	aatttttttg	tatttttcagt	agagatgggg	gtttcaccat	60
gtcggccagg	ctgatctcaa	actcctgacc	tcagggtgac	cacctgcctc	agcctcccaa	120
agcgctggga	ttacaggcat	gagccatcac	accagcga	aagttttgtt	tgaataaaca	180
atatccgaaa	gacaattagt	ttcttcagat	gtattttgaa	attctcctaa	agagctagt	240
tttctattca	ttttcacaat	ttaaaaacag	ctcttaacat	tgctgaagtt	gggagaactt	300
tccatctctt	cttaataaca	gtgcaagatt	ttgtaaattc	ttttttgtgt	ttaatgttta	360
ataaaacgag	tattaagctt	aaattactga	agtacctggg	agaag		405

<210> 307
 <211> 403
 <212> DNA
 <213> Homo sapiens

<400> 307						
cctgagtgtg	cagaatgaac	aaacctgaaa	gcctaagtac	tatcttggtc	cgtctagctc	60
ccacacctag	cttgagagta	gcctctcata	tcaatgcttc	cctgctatcc	tttcaaaact	120
ctttttgatg	ggataagtgg	gcaaagatca	tgccatcgct	tcaaagtcta	acttcctttg	180
acaagacagt	ttctcccagg	gatatcccc	acaggcctag	gccaaatctc	tgactcactg	240
caaagggtcca	tgtacactga	actgatagac	atcactatct	ttattggaaa	acacaattta	300
tataacactc	ttcctctgga	ataatactct	ttttgtggac	aaataccgag	ttgggtcctct	360
cttctcccag	cacacccac	ccccctcccc	atgactgtgt	taa		403

<210> 308
 <211> 401
 <212> DNA
 <213> Homo sapiens

<400> 308						
aattcgccac	gagattgccc	tttaccat	gccaataact	gcaatggcac	cttaggctgt	60
gtgtgtgtca	gacagaaaa	taaaacatca	gattttttgtt	aattttgggt	gatgagtga	120
gtcagggata	gttattatct	tgagactgct	attttttttt	ctctttttta	aaaacagatg	180
gggctgggca	caatggctca	tacctgtaat	cccagcactt	tgggaggctg	agggagggtg	240
attattttgag	gccaggagtt	caagaccacc	ctggccacac	ggtgaaacct	cgtctctact	300
aaaaatacaa	aaattagcca	ggcgccgtgg	tgcatgccag	taatcccagc	tactcaggag	360
gctgaggcac	aagaatcacc	tgaacccagg	agacgaggct	g		401

<210> 309
 <211> 404
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(404)
 <223> n = A,T,C or G

<400> 309						
cacactccag	gctgagaaa	agtaattagg	aggcctgagg	aggggcccag	gaaaggctgt	60
tgggggtgtgc	tgggggttgg	accgcagcgc	cttccccctca	cctcaaccag	agaagagcat	120
ccgggttgcct	tttaaagctt	ttagcctgcc	ctagcaaggga	caaagcatgt	tagattagag	180

atgcttctgc	tgatcgcagg	ggttcttatt	tgaaaacatc	tatgatgggg	gaggtgtggg	240
aggttttttt	tattnncttt	tnannaanca	acgnttnctt	caattanatg	gganatnngn	300
ancccnngan	ncttcttcat	gaaagtcctt	gaancattaa	agncannttn	nctgctgggtg	360
ntctttntgg	caannantta	tnttnncnnc	ncnctcactn	aaac		404

<210> 310
 <211> 405
 <212> DNA
 <213> Homo sapiens

<400> 310						
tttaaaagta	aaatgtattt	taatgatgtt	agaataagac	taccattcta	aatatcacct	60
acttatgaat	aacatgtaat	aatttttaac	attaatgatt	ccataaattg	tattattggg	120
attagaatgt	gctttatgac	aggtttagtg	ttcctctgag	gcagaaaact	cttttttgga	180
gatatcttcc	atcaagcagt	actcgtgccc	atatacaatc	tctagtggct	aggagaaata	240
aataaaaggg	ccataatggg	ttgttctctt	tcagacataa	tttagtaggg	gacaagaagt	300
ctgttcttca	gtgagtacac	tagagattta	ctctgggtgac	tgcttttgag	ttatgggtga	360
agtaagggtat	ggctttacca	taaccttgat	tcattcaccc	ttgat		405

<210> 311
 <211> 403
 <212> DNA
 <213> Homo sapiens

<400> 311						
ctggcccacc	ccctcctgga	cccatacctc	ggccccagaa	ccctggggcc	aaccctcagc	60
tgcgaagcct	cctcctcaac	ccaccaccgc	cgcagactgg	ggtgccccca	ccccaggcct	120
ccctccacca	cctccagcca	ccaggggctc	ctgcgctgct	gcctccgccg	caccagggcc	180
tggggcagcc	ccagttgggg	ccccactcc	tgcataccacc	acctgcccag	tcttgccccg	240
cacaacttcc	ccctcgggct	ccactgcccag	gtcagatgct	gctgagcggg	ggtccccggg	300
gcccgggtccc	ccagccgggc	ctgcagccca	gcgtcatgga	ggacgacatc	ctcatggatc	360
tcatactgaat	ccccaacacc	caataaagtt	cctttttaac	acc		403

<210> 312
 <211> 406
 <212> DNA
 <213> Homo sapiens

<400> 312						
aattcggcac	gagcatcatt	cagcaagggtg	gctgggtatg	agctgttata	tattaaaaat	60
attttcttga	aaaaaaatta	ggtttggtgt	ttttcttaag	agatgggttc	ttgctgtggt	120
accggggctg	gagtgcagtg	tctaattgct	ggcactatca	tggcaggctt	cggctctcaa	180
ctcctgggct	caagtgatcc	tgcttcaggt	cctgaatagc	caagagcaca	ggctgggact	240
ataggtgccc	accactgtgc	cgtgctctat	cccgtacttt	ttgatatgta	attattatta	300
ttattcagtt	ggttcagttg	tttataaatt	ttccttatat	gttctttgac	ccttgaatta	360
cttagaaatg	tattttttta	tttctaaata	cttacaggtt	taaaaa		406

<210> 313
 <211> 401
 <212> DNA
 <213> Homo sapiens

<400> 313						
ctgctgctct	gaaagccttc	cgaaggctgg	tgaactccca	ggggcagctg	cgggtgcccc	60
tggtttttgt	tacaaatgct	gggaacatct	tacaacacag	caaagcccag	gagctgtcag	120
ccctgctggg	gtgcgaggtg	gatgcagacc	aagttatcct	ctctcacagc	cccatgaagc	180
tcttctccga	gtaccatgag	aagcggatgc	tggtgtctgg	acagggggccc	gtgatggaaa	240
atgccagggg	actgggcttc	cgaaatgtcg	tcaccgtgga	tgagctgcgg	atggcctttc	300
ctctgcttga	catgggtggac	ctggagcggc	ggctaaagac	cacgcccctc	ccgaggaatg	360

acttcccccg cattgaaggg gtgctcctcc taggggagcc g 401

<210> 314
 <211> 421
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(421)
 <223> n = A,T,C or G

<400> 314
 caaaaaaaga aaagaaaaga gtagactggc cactgacaat actgggccta atggaactcc 60
 ctctaccaaa tctgtcactg cactttgcct tcatcccttt tttccctaac agcagccacg 120
 atgaaataaa gtgaagttgt aggacctcca tagttgggtt ataagcccag cccagcaac 180
 aaagggtgggt tgggggtgact tctggggcac caacagctta taaaaagtat acacttcact 240
 atcctctttc cacaaggatt ttgctataat tcagttacca aaactagtat atgcctttat 300
 ctgtgatcag aggcataaat tggaccatag gataagttct tttttagctg acattgggtt 360
 tttttggttt tggttttggt ttattttggt ttgagnttag ttgataacat ttaaagagta 420
 g 421

<210> 315
 <211> 396
 <212> DNA
 <213> Homo sapiens

<400> 315
 aagacttcag ctaaggccct tgatatttaa ttatgattag agacttttgg accttctgga 60
 tcatggatcat gtttctgttc tatgaaagtg acttaacttg aagcctggca gaaccaact 120
 gttttctttc tggtatcaaa gctggtagtt ttgaaatagc accaataata acccagggaa 180
 atgtcatgta atttttatatt tccattatga caggtgtcta atgcatgtca gcacaaaagt 240
 gtcactcactg ctgtgtcatc cctcttggtt ttcactatgc atctataatt ttttaagttt 300
 gcagggtttt tgggggtttt tgtttggtt tttttaaaact ggaaaaacta gccattttga 360
 gagaaggaag gttctaggct atgagcatga aggcct 396

<210> 316
 <211> 397
 <212> DNA
 <213> Homo sapiens

<400> 316
 ggtagctggg actataggca cacaccacca cgcccggtta attttttatg tttttttag 60
 agacagggtt ttgccatgtt gcccaggctg gtcttgaact gctgggttca agcgatctgt 120
 tctgtcagc ctcccaaagt cctgtgatta caggtgtgag ctaccatgcc tggcccttt 180
 ttacagattt gaggatggtt ttatatcacc tcaatttctg agaacctcaa gctatgaact 240
 tcgttttaagg tagttccaag ttttaaggtag aaccagttcc aggttcctaa cccactccc 300
 agatacctgg cagaatcaaa gatgaatctc cggaggaggg caccttcttc ctaattttca 360
 agggcaatga gcaagtacag gcagaaataa caaagcg 397

<210> 317
 <211> 398
 <212> DNA
 <213> Homo sapiens

<400> 317
 tgcaagcacc taaacagttt gccaaaggaat gtttctcctg agtttggtcc ttgtgaaggt 60
 gaaggaggct ttggtttgca caagaagaaa gacctactca gtgataatgg ttctgaatca 120
 cttccgcatt cagctgcata cccctttctt ggaaccttag gaaataaacc ctcacctaga 180

tgtaccacctg	gtccttctga	atcaggatgc	atgcatataa	cctttcgcga	ttctaataa	240
agacttggtt	taaaagtata	taaatgcaat	ccactaatgg	aaagtgaata	tgctgcatct	300
gagaaaagtc	aaggtttgga	tgttcaggaa	cctccagtaa	aagatggagg	ggaccttagt	360
gactgcttgg	gctggccttc	cagcagtgc	accttattc			398

<210> 318
 <211> 395
 <212> DNA
 <213> Homo sapiens

<400> 318						
cttctgctgg	gactggccat	tatctcaggg	cttctgttgc	attatagccc	tgtgttctgc	60
tggaaagtag	gaaacacttc	caggggacaa	aacatggatg	atgtcatggt	tttgggtggat	120
tcagaagagg	aagaggagga	ggaggaggag	gaagatgctg	cagtagggga	acaggaggga	180
gcacgtgaga	gagaggagtt	gccaaaagaa	atacctaagc	aggaccacat	tcacagagtg	240
accgccttgg	tgaatgggaa	catagaacag	atgggaaatg	gattccagga	tcttcaagat	300
gacagcagtc	aggagcaaag	tgacattgtt	caagaagaag	acaggccagt	ctgaagaaga	360
ggatggtcca	tggttgtctt	gctctgaaag	cttga			395

<210> 319
 <211> 394
 <212> DNA
 <213> Homo sapiens

<400> 319						
cttgaatatg	acaatgttgg	agaagcctct	gagcaaaccg	tctccctcct	tttctctctc	60
tgggtggaat	cggtgcggcc	ttacctgcag	acggtggacg	agtggatcgt	gcacggggcac	120
ctgtgggatg	gcgccaggga	gttcatcatc	cagagaaaca	aaaatgttcc	agttaatcac	180
agagacttct	ggtatgcaac	ttacacgtta	tatagcgtat	cagaaaagac	agaaaatgaa	240
gaaaaaatga	gtgataacgc	tagtgcgagt	tccggcagtg	accagggggc	ctccagcagg	300
caacacacca	tggtgtcctt	cctcaaacct	gtcctgaagc	agatcataat	ggctggcaag	360
tcgatgcagc	tgctgaagaa	cctgcagtgt	gcgg			394

<210> 320
 <211> 393
 <212> DNA
 <213> Homo sapiens

<400> 320						
gacttagcga	aatgtcagca	gtctatactg	acacaccagc	ctcattttaca	aaaaggagat	60
attaaaacag	tgacagtatt	ttttttttta	gctcttttaca	aatccacggt	ttatgtatct	120
tttaattgaca	tgagctctcc	aggaaatgta	cctcatcccc	gcagttttcc	tccaagggga	180
ttcatttggg	agcaaactgc	agtcactttc	acaagagtcc	tctttgatgt	caggagggat	240
cacgaaacct	tgcaatgcc	tgaactggcc	atggttatca	tcaaaagttc	catgctaagt	300
gcataacttg	gagctcacta	taacctttgt	ggatttccct	aaccataaaa	ccttgccgct	360
atTTTTTTTga	ggctTTTTTct	TTTTTTTTTtt	ttt			393

<210> 321
 <211> 417
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (417)
 <223> n = A,T,C or G

<400> 321						
tttaaaacct	gaggtcagga	gttcgagacc	agcctggtaa	catggtgaaa	ccccgtctct	60

attaaaaata	gaaaaaatta	gccaggcatg	gtggcgggca	cctatagtcc	cagctactca	120
ggaggctgag	gtaggagaat	tgcttgaacc	caggagacag	aggctgcatt	gagccaagat	180
cacaccactg	cactccagcc	tgggcagcag	agcaagactc	catctcaaaa	aaaaaaanga	240
aaaagaaaaan	gagggttaat	cnttcanttn	tggagggggn	atnaataaan	cttgtttgat	300
gttaaagggg	gtaaggagg	agnggccttg	aaacacttgt	nttccaaact	ntcctggagg	360
tttccagnan	cnctactgtt	cctaaanggg	tttcattttt	aacttcatct	gttttgg	417

<210> 322

<211> 393

<212> DNA

<213> Homo sapiens

<400> 322

aattcggcac	gaggggagaa	gcctgagatc	tgcagagaag	tctgccaggc	ggcctggggac	60
taaaagctgc	agaagatggg	gcatgaggaa	gcagtgggca	ggcagaagga	gtgggcaggt	120
ggtctgctgc	tgccctgggg	atgcagcttg	agctggactt	tctgcctggc	tccgtcttgt	180
caccgagttc	gcagcataaa	cgtcatccct	cagagacgct	gactcgatct	ctaataaaaag	240
ctatcagcct	gtcccccttt	actacgagac	ccctcttagc	tctgcagagc	atccatcaca	300
gttaggcatt	tttgcctttt	tttccatcca	cccacgcttc	caccccacca	ggacgtgagc	360
ttggacttca	tcttgtcatc	ccagcagcaa	ggg			393

<210> 323

<211> 393

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(393)

<223> n = A,T,C or G

<400> 323

gtgatccaaa	agctgggtgga	gcaccgcgtc	atccccgagg	gcttcgtcaa	cagcgccgtc	60
atcaacgact	accagcccgg	cggctgcac	gtgtctcacg	tggaccccat	ccacatcttc	120
gagcgcccca	tcgtgtccgt	gtccttcttt	agcgactctg	cgctgtgctt	cggctgcaag	180
ttccagttca	agcctattcg	gggtgtcggaa	ccagtgtctt	ccctgccggt	gcgcagggga	240
agcgtgactg	tgctcagtgg	atatgtctgt	gatgaaatca	ctcactgcat	acggcctcag	300
gacatcaagg	agcgccgagc	agtcatcatc	ctcaggaaga	caagattaga	tgcaccccgg	360
ttggaaacaa	aagtccttga	cagctnctgt	ttaa			393

<210> 324

<211> 383

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(383)

<223> n = A,T,C or G

<400> 324

tttgaatcta	tgatctgttt	ccttgaggga	tttttgctaa	tctgtatttc	aatttcccag	60
gtcctagaat	ttatgatttt	tttttttaaa	aggtttagtac	ctaacaggga	gaggcagcct	120
cattgttttt	agtttctagt	tggggggaac	tcagccctag	ggttgtatac	ttattaatcc	180
catttttaggg	ctttgcacat	atccattgtt	attcagggtt	tttctctggg	cccttccagt	240
ttattttctt	ccttaactgg	actcttttaa	aaaaaaaaac	aaaaaaaaac	tttttngntt	300
tttttttngg	nanaaagnaa	aaaaaaaang	cccctnnttt	tttnggnncan	ttnnncntt	360
acaaaaggcc	cnnncnanaga	aac				383

<210> 325
 <211> 406
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(406)
 <223> n = A,T,C or G

<400> 325
 aattcggcac gaggttggcc aggctagtct tgaatttctg acctcaagtg attcatctcc 60
 caaagtgctg ggattacagg cgtgagccac cacggccggc taatttttgt attttttagt 120
 agtgactggg ttccgcggtg tgaccaggct gattnattaa ctgnntgatt ttggngaact 180
 gcctgagagc ntttntctatg ncnnccngna ccaccncctt tgantaattc ttttttnaga 240
 atcaagttgg ttgangcann aaattgccct aatgcttntt ggaccacact gcttnccctna 300
 cngaaacnna aggaatattt ttttgcancct nantgtcana ctntnaattt ctacngnaaa 360
 aacctttttac ngnctggcaa catgganaat tctgtctntc cnaaaa 406

<210> 326
 <211> 407
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(407)
 <223> n = A,T,C or G

<400> 326
 aattcggcac gaggaagcca tctgggagcc agcacagaaa tcttgacagc caagtactca 60
 gcaggccgga aagcagaaga tggaccctgg agggactgac tgtgtgtcag gcacagggtt 120
 agggactagg gataagatct ggtccccact cttaagctta gacccatgga ggagctctga 180
 atggttgtac cctgttaagc ttaggcagag gattcaaagg gtgctgtgag gcaagggtggg 240
 aggttggttg gggttatatta gtattctgaa gagtaataga accaataggg tgtgcgtgtg 300
 tgtgtgtacc atatgtaggt agaggggtggg gttgntaagg aattagctta tgcagcatgg 360
 aggcccgaga antcccaaaa nctgcaccac ccatangttc caggttg 407

<210> 327
 <211> 407
 <212> DNA
 <213> Homo sapiens

<400> 327
 aattcggcac gaggaaggcc agaagtgtgc ctgaaagata gcggcggctg gtggccctgg 60
 gatcagccaa ggcttgccctg actgacagta ggaccagaa ggataaagag tttgctgaaa 120
 aactgaaaaa cttgaaaacc aaaatgtcag aactaagact ctgctgtgac ctccttgttc 180
 agcaagtaga taaaacaaaa gaagtgacca caactggtgt gtccaattct gaggagggaa 240
 ttgatgtggg aactttgctg aaatcaacct gtaatacttt tctgaagacc ttggaagaat 300
 gcatgcagat tgcaaagtca gccttcacct ctgagctgct ctaccacact ccaccaggat 360
 caccacagct ggcattgtca agtcagcaag atgaaacatc tattatc 407

<210> 328
 <211> 410
 <212> DNA
 <213> Homo sapiens

<400> 328
 gcattgtatc tgcaatttgc tacacagtcc ctaagtcagc tatgggaagt agcctctatg 60

ctctagaatc	aggctctgat	tttaaatacta	gagggatgtc	tgccgcgagt	cgtgtgatat	120
tccgggcctgg	tgtgaccatg	tccacctgtg	atgtcatgct	tattgatgac	agcgagtatg	180
aagaggaaga	agagtttgag	attgccttgg	cagatgcctc	tgacaatgtc	cgcattggaa	240
gggtggcgac	agccaagggtg	ctcattagtg	gtcccaacga	tgccctcgact	gtgtccctgg	300
gcaacacggc	tttcaactgtc	agtgaggatg	caggcacagt	aaagattcca	gttatccgcc	360
atggtactga	cctctctact	ttcgcatctg	tctggtgtgc	aacgcggccc		410

<210> 329

<211> 412

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(412)

<223> n = A,T,C or G

<400> 329

ctcggtccg	cctggtgcgg	ccgcggccgg	gagggactgg	attatgtcgg	ccccgtttga	60
ggagcggagt	gggggtggtac	cgtgcggggac	cccgtggggc	cagtgggtacc	agaccttgga	120
ggaggtgttc	attgaagttc	aggtgccggc	aggcacgcgc	gccaggata	tccagtgcgg	180
cctccagagc	cggcatgtgg	cgctgtcggg	gggcggccgc	gagatcctca	agggcaaact	240
ctttgattct	acaatagctg	atgaggggaac	atggactttg	gaggacagaa	aaatgggttcg	300
tattgttctt	acaaagacaa	agagagatgc	agcaaattgt	tggacttctc	tactataatc	360
tgaatatgca	gcggatcctt	gggtgcaaga	ccaaatgcan	agaaagctta	ct	412

<210> 330

<211> 408

<212> DNA

<213> Homo sapiens

<400> 330

aattcggcac	gagtgatcac	agatgatgga	attcgtcacc	tggggaatgg	ggcctgcgcc	60
catgaccagc	tggaggtgat	tgagctggac	aactgcccac	taatcacaga	tgcacccctg	120
gagcacttga	agagctgtca	tagccttgag	cggatagaac	tctatgactg	ccagcaaatc	180
acacgggctg	gaatcaagag	actcaggacc	catttaccca	atattaaagt	ccacgcctac	240
ttcgcacctg	tactccacc	cccatcagta	gggggcagca	gacagcgctt	ctgcagatgc	300
tgcacatcc	tatgacaatg	gaggtggtca	accttggcga	actgagtatt	taatgacact	360
tctagagcta	ccgtggagtc	tctccagtgg	aagcaacccc	agtgttct		408

<210> 331

<211> 483

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(483)

<223> n = A,T,C or G

<400> 331

ttttgaactc	ccntatacan	ctactngggt	tttgannncc	natnncaacg	antcgctagt	60
tgcanggaag	acacaaataa	gaaaactata	tagtatgcta	gagggtgaca	tgctctaaga	120
aagaagataa	ggcaggaaag	aggattggga	ggcacagaaa	ttgagaggac	aatattacaa	180
aggtcacgga	agaccttgat	aagaagggag	gcaaggaagg	gatcgttgta	tgtagcttct	240
ccaggcagaa	agaagagtga	atgcataagt	attacaacag	gaacaccctt	ggtgtgttca	300
agtaccatta	caggacagcc	ccactaanct	agttcagaga	cagaccagga	gagattaaga	360
ggaaatgggg	tcaaagcagg	aaagaagcca	gatcctgtag	tgtaatgtag	gcacaggcag	420
gggcactgac	tttcaactga	ctaaaatggg	atccctggg	aaacttggag	cagaagggga	480

acc

483

<210> 332

<211> 455

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(455)

<223> n = A,T,C or G

<400> 332

ccccttgacc	ccncttgact	ttcgcggacc	atcgaacgct	gcctaaaaan	caaaaattag	60
cggggcgtgg	actctatctc	aagacaaata	aaaaaataat	aaagacttgg	cttcaccaca	120
tagtcactgg	ggaactgtag	gcaaattgct	tttttgtgga	catccacaat	tatcccagta	180
ctgtttattg	aaaagctggt	gtcctttctc	cactgtactt	caatgccacc	ttggtcataa	240
agcaactgtc	ctttcctgtg	agggctctgtc	cctggactct	attctagttc	atggctttat	300
ttatctatcg	ttgtcccact	accatactgt	acctttttac	tgaaacttgg	tcttttttta	360
ttgagtgtct	tggctcttgc	atttccataa	gaactttaca	atcagcctct	caagagccac	420
caaaaaaccc	caccataatc	acccactttt	ttgag			455

<210> 333

<211> 465

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(465)

<223> n = A,T,C or G

<400> 333

tttaaacacc	tcttgntntt	tctgnaggat	ncntcgnat	ccnattcggc	acgagggagg	60
ctgaggcagg	agaatcactt	gccacgatgc	ccggctaatt	tttgtatttt	tagtagaggc	120
agggtttctc	cattttggct	aggcttgtct	cgaactcttg	accacagatg	atccgcccgc	180
ctcagcctcc	caaagtgtcg	ggattacaga	catgagccac	tgcaccagc	ctgaaaattc	240
aattttatgc	aatccactca	ctcggaactc	aaaatgctaa	atatatatta	ttatatgctt	300
taagttgctt	tatgcattgc	ttatacatgg	atgcatataa	ttgaatggag	ttacaaacct	360
tgcattattat	tcttgatagg	taatgtaaag	atgttcctaa	gtgggttttca	tcatatgtca	420
ctttcaaatt	acataatttt	agaagccaat	cactgaataa	aatgt		465

<210> 334

<211> 426

<212> DNA

<213> Homo sapiens

<400> 334

aattcggcac	gaggcaaggt	caaaaattta	catcaggtat	ctgaatgtgt	agcatataca	60
actgagtgtt	gaaagaagac	aaaatcgttt	tcatcacgaa	gaatatgtgc	tcagtaagaa	120
tcagaatgtt	caattgtgtg	aagggtgggag	atgggaagat	tggtattatg	gcctggatcc	180
agaaatcagt	cttcactat	aggaaatggg	aatttaaaga	tgatcagaag	acagttggga	240
gcagagtgtg	aataagaacc	ctcaactgct	gtctcacctt	tcagatcacg	aagaagtttt	300
ttacaatgag	cagaacactc	aacctgaaag	cagaatggat	tgagtactg	cagcgtggca	360
gtggaatggt	gtttgatgtt	ggcaaaggaa	acatgtactt	ctagactggc	agttttccct	420
taattt						426

<210> 335

<211> 426

<212> DNA
 <213> Homo sapiens

<400> 335
 aattcggcac gaggcgaggg gcaggctgtg tccaacctct cggggcaggg caagcacggg 60
 aagaagcagg tggacccgct caccatctac ggcacccgtt gtcacctttt ctataaattt 120
 ggcacacag aatccgactg gtaccgaatc aagcagagca ttgactccaa gtgccgcacg 180
 gcgtggcggc gcaagcagcg gggccagagc ctggcgggtc agagcttctc gcggagaacg 240
 cccaactcgt cctcctactg cccttcagag ccgatgatga gcacccacc tcctgccagc 300
 gagctcccgc agcgacatcc aggttcaagt acgtgcagct ggcgccagtg agtgaccaca 360
 cggtcggggc acagacgggc gaagccctgc agcccacgct caagccggag atgcactcga 420
 gcaccg 426

<210> 336
 <211> 426
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(426)
 <223> n = A,T,C or G

<400> 336
 aattcggcac gagacagctt tagaaataga taatgcgggt gtggcaaata gcctaattga 60
 catgagaggc atagagacag tgctactaat caaaaataat tctgtagctc gtgcagtaat 120
 gcagtcccaa aagccaccca aaaattgtag agaagctttt actgctgatg gtgatcaagt 180
 ttttgcagga cgttattatt catctgaaaa tacaagacct aagttcctaa gcagagatgt 240
 ggattctgaa ataagtgact tggagaatga gggtgaaaat aagacggccc agatattaaa 300
 tcttcagcaa catttatctg cccttgaaaa agatattaaa cacaatgagg aacttcttaa 360
 aaggngccaa ctacnttatt aagaactaaa gatgaaaata agaanaaata tttctgaaat 420
 tcggga 426

<210> 337
 <211> 414
 <212> DNA
 <213> Homo sapiens

<400> 337
 aattcggcac gagatacctt agagcaaaat ctattagtct ctctcagttt atcaatttta 60
 atggcttttag gcttataggg ggtgtaaaact ttaagaatat aattctccca ttcaagttta 120
 cagcaaacat ctagccacct tcaaaacaaa gaagatacag accatcattt agcaatacta 180
 atacatgatt ttccttgggg atggcagggt tgagaatcct ttagcaacag gacatacttc 240
 ccctaaatta cagtgaatta tttataacga gataaagctt tcaggtacaa gctgaaggcg 300
 ggggtgtctaa caactaaaaa ctatcactaa atctcaaaga gaaagttctt gcaaaatatg 360
 taaagttcac aagggtgcaga cattttcctt ctttaggctt ttatctaagg aagg 414

<210> 338
 <211> 419
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(419)
 <223> n = A,T,C or G

<400> 338
 aattcggcac gagaaaggaa ctaaatagtc tcaaaggaca ttatcatcca agttatgata 60

gtgatttcgc	tttctttaaa	aaaaaaatta	ttacagatag	agtttcttga	tgttgcccag	120
gctggcctca	aactcctggg	ctcaagcagt	cctccagcct	cagcctcccg	agtagctggg	180
actatgagaa	tatgccacca	tgcccagctt	tattttgctt	tctaattgtc	ctttttgtag	240
ttcctgcaaa	gcataagcat	gccttcacat	gtggtaccct	ttccaatatt	ttatttatct	300
cacatcacta	ataagataaa	tttatacagc	cactgctctg	tgccagacat	tatttaagaa	360
gttattttcac	gcattatctc	atctgccttc	caaaacaact	cttaaataagg	natcacctc	419

<210> 339

<211> 409

<212> DNA

<213> Homo sapiens

<400> 339

aattcggcac	gagcttgagc	ccaggagcag	aagggttcag	tgagccaaga	gcctgccact	60
gcactccagc	ccaggtgaca	gtgcgagact	ctgtttcaaa	aagcaaaaca	aaaccatctg	120
ggtgacttta	aagataatcc	agttctggcc	aggcacgatg	gctcacgcct	gtcatcccaa	180
agtgtgaaa	ttacaagtgt	gagtcaccac	gccaggcccc	tctgctcttt	agatgtgtag	240
tagtttgatt	tttttgtcct	ctagtgatgc	tgcagctcag	agacaaaggc	agaatcttta	300
tcctgatggg	caacaccgtg	tcatctggct	tctgtgacct	cattgggttc	ttgactctgg	360
aacagggagg	gctgtgtcaa	aggggtctcc	ttcccctgtg	gctctcatt		409

<210> 340

<211> 419

<212> DNA

<213> Homo sapiens

<400> 340

aattcggcac	gaggaggaag	atgccttctt	ggcctgataa	tgtgacagcc	acctgctgtc	60
actcattttt	ttcagtgctc	tgaagatgac	cagaacctgg	tcatacaggtc	tcctttaaaa	120
agaacaaaaac	acagacatgc	ataaaatcat	acagcataaa	aggatgatgt	cattctcagg	180
gagacagggc	agcatgtgcc	tgtgttcctc	atctactctt	gaaggcatca	ggtctcttct	240
atttcacact	gccagttgct	acctaanaaa	gggaacttct	cgaggagaga	tggactttca	300
tgctcagtga	cttagaaaact	gtgttagagc	tgactgctat	caaataagca	taagactgct	360
ataaataaaa	tagataaata	tcaaacaagc	acaaataaat	aagcaaatac	ataagcaat	419

<210> 341

<211> 420

<212> DNA

<213> Homo sapiens

<400> 341

aattcggcac	gagctcaagt	ttcttgagtt	gctgcttggt	aacacccagc	ttttaactga	60
gtgttttgctc	ctgatggttt	aggagatttt	catgttgtat	cacactgtca	agttttatatt	120
tgtctttttta	tcctctcgtg	gatgtgagtt	tgaacaagc	acggtacagt	aatcctgcct	180
gatagagtag	tctggaatga	gaattacttt	ttgggtgaga	gagttctcca	ttttaatggt	240
tctaaagttt	ttcatatgaa	cttggcattg	gaaaaggag	gtaaagaaaa	aggacgttta	300
ctaaaagcag	tgtctactct	tcccctttgt	gagtgtttat	tcatggctaa	tgaaaaaaga	360
gaaggactct	tgggttttgt	gttgccatgt	taagcatgga	gagggatgct	tgacagcatg	420

<210> 342

<211> 409

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(409)

<223> n = A,T,C or G

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<400> 342
aattcggcac gagatagtca cctacattca gagaactcag gacataaaat cagatgctgg      60
tatgcagcca agttcaggct cgtacagggt gaagcagtga aggtcattcc gtagggaggg      120
agaagtaagt agatttcac cgtacagggt gaagcagtga aggtcattcc gtagggaggg      180
ggcagccatc cacatgcaga gcaaaaatct ggatgcctaa agactttcca ggtgtgggcc      240
tggttgaggt tcttgaggtg gtctagtagc ctttcagtta actcngtttt tatgtaagct      300
ttctgttatt ttcagccgaa ataactttga gttagactta atacagagct ctgcacagca      360
cttgtaaaat ttgaaattta gaatcatctt gtcagggatc atggctctt      409

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<210> 343
<211> 424
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(424)
<223> n = A,T,C or G

```

```

<400> 343
aattcggcac gaggaattcc cttagcattt tgtttctcgc tctataaaga cctataatgt      60
aataacatct ttatagtatt tgagaactta ttttctcctc taaatttata agcaatgtta      120
aggtaagccc ttcattctttg cttatcctct aataccaaac aaacttccat aaaaatagaa      180
ggatctcaaa aactaaattg aaaaagcagt ctagttgaaa aatagaggtg ctaaagtaag      240
ttgatggctc ttaaatgatg ccaggacatt cttagagtag tgatggctct ttgggtttgg      300
tggttaactta gaagggaaaa aaaaaatctg caggaccaca tgaccgctag ggaaacaggc      360
atcaccaacc attccagaaa gctgctttga acaagcctta tataanaaag agagaaagca      420
cttt      424

```

```

<210> 344
<211> 411
<212> DNA
<213> Homo sapiens

```

```

<400> 344
aattcggcac gaggagaaga tgaggctgca gatgaaaacc cagagtctca agagatgctg      60
gaggagcaac tgggtgaggat gttaaccgga gaagtcattg acctaatcac ggtttgctgt      120
gtttcaaaaga aggggtgctga ccacagtagt gctccccagc cagatggaga cgatgaagaa      180
atgatggcca cagagggtcac cccctcagct atggcagagc ttacagacct gggcaaatgt      240
ctgatgaagc atgaggatgt ttgtacagcg ctattaatta cagccttcaa ttccttgccc      300
tggaagata ctctgtcctg ccagaggaca acctcacagc tctgctggcc tctcctcaaa      360
caagtgtgtg cagggacact gctcgcagat gcagttacgt ggcttttcac c      411

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```

<210> 345
<211> 416
<212> DNA
<213> Homo sapiens

```

```

<400> 345
aattcggcac gaggcctgct ggcctactca tgtgccattc tcagtataaa gtcctttgca      60
tgtgtcacac aactaatgat ggagagtcgg gattcagacc ccaggaattt gacttaagat      120
ctcatgtttc taaccacttt cccatactgg ctcttctcat gcaaaaaggc tcatgacaag      180
gaaaaaaacc tatcaciaag tctgtgtacc aagatgcaag cattgtactt ctgtgtgtaa      240
agagacagta tctgcacacc ttacttagat ctttttccct cttactctga gacacaatat      300
caacaaaatt ggtaatcttt atatcccatg tctcagtagt tgaagagtat taactaggag      360
aattttcaagt agaggccagc tggttaactac cagctacatg aaaggctgat ggagag      416

```

```

<210> 346
<211> 415

```

<212> DNA
<213> Homo sapiens

<400> 346
aattcggcac gagaacaaag gaagcaggaa aatgctctta aacccaaagg ggcttcactg 60
aagagcccac ttccaagtca ataaaaagca actcctgcct cccttcctca ccctgtctct 120
ggatttcttt tctatcacct agatgcttca tccagccaga agatagcctt cacgttcccc 180
atctgtcttc agagcaaaag agctgggaca ccaagaacaa gctgttagat cactgcctgg 240
gaggcttggc ttagtactct catctctggg tccattccag ttcagctaag tcttgcttta 300
aaattttttac ctcctagctg ggtgcggtgg ctcacgcctg taatcccagc actttgggag 360
gctgaggcgg gcagatcaca agatcaggag ttcgagacca gcctggccaa ccag 415

<210> 347
<211> 406
<212> DNA
<213> Homo sapiens

<400> 347
aattcggcac gaggagattt tgtactattt ctgtatttct ttcttctcag aacaaccagt 60
gtcaccaggt atgagggcag agtttttagct tgtttgctga gccccattct tgaagctcat 120
ttattttattc acctatctgt ccatcaatcc aacaaatata ctgaatgctg ctatgtgcc 180
ggactgggca ctgttctagg tactggggca atgacagtta agataatacc caatgaccct 240
gctctgtacc cttaagagca gactcagttg ggaatgagtt atccaaatat aggggtgtaca 300
tgtagtcagg agagagcctc atacagcttt gcctttggca gaatccttca aacctctttg 360
tcttctact tcttgatatt acaaatcatg agcctttcac atgcat 406

<210> 348
<211> 392
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(392)
<223> n = A,T,C or G

<400> 348
ctctactaaa aatacaaaaa ttagctgggc gtgggtggcac acacctgtaa tcccagttac 60
ttggggaggct gaggcacaag aatcgcttga acccgaggag cgagggttgc agttagccaa 120
gatcgccctg ctgcactcca gcctgggcaa cagagggaga ctctgtctcc aaaaacaaaa 180
acaaaaactg ttagtgaagg ttccctggga cttttgatat tttaaaaatt gttcttatga 240
ctagtagata aattcattgc cataatgagg ctagctccca gataaacagt gtattttctt 300
cttttttttt ttnggggngg ggccaaanct ttaanctact tttccagtag ttngccantt 360
tntccnaggn agttgggctg ctntttcaga aa 392

<210> 349
<211> 396
<212> DNA
<213> Homo sapiens

<400> 349
aaaaaaacaa aaaagccccc catttataaa taaaccttaa ccacacacac acaaagtttg 60
ttgaatgagt atatatatac cactgatgaa aggaaggtga aatgtttgcc atacatattt 120
ttatgatcgt ttacctgaaa ttaacctttt aaattacata accaattgtt ctaaatacaca 180
ttagataaaa gggtttctac tgcataatat ccataatata taaagagctc ctaaagatca 240
ataagagaaa ggtcccacta caaaaagcaa aaagtggcag aagattatac atgggcattt 300
cccaggaaaa gaagtactgg tgaataaaaa agaaaagatg ttcaaattga ctctgggtat 360
tagggaaatg taaaccgttt ttcaccagac agattg 396

<210> 350
 <211> 402
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(402)
 <223> n = A,T,C or G

<400> 350
 aattcggcac gagcctcacc ttacctcaag tgttctcctg aggaccctta ggtcagacag 60
 agaagctttc tctttctgat gggaagggtc aaagtggaaa tctcttatct ctagtgtgaa 120
 atgattttct gctttttcat actccctgcc ctctttcttt tccttaataa atcttccatg 180
 tttaagatgt tggcctgaag atctgtccca ttcataccat gcaccagctg ggactgtccc 240
 tatctgatca gaggggagat taaagaatca atgttcccag gggaaagggc cttaaattgt 300
 ttggcttttc aatggctgac actgtctnca actctccctt ctcttnttc tcaagcttct 360
 atgcacccta ctttccancc aggatggttg gcactgatcc ca 402

<210> 351
 <211> 406
 <212> DNA
 <213> Homo sapiens

<400> 351
 aattcggcac gaggttcctt ttggggggaa gatgttggac ctttattatt tgtggtaacc 60
 agccgaggct ggttgtcagg acagcagggt agccacttta ggaagaaaag tgcaggggtg 120
 ggtggatgcc cagattacca aggccagcca ccctgatggg gtagggctctg gttatctgtg 180
 ttcaagaagc aaatcccacc ccagccccag cactagctct ctatgtatgt attttccctg 240
 tacaatgttt tataaaagag atcattaatt tatctgctat gttaaggctc gaggggtggg 300
 gcgtagactc tcagctgtat attgctctgg ggtgggcagg gaaggctgag tctcacttga 360
 cttggaagat aaacaggcca gtttggactg gcctccactc cgtggc 406

<210> 352
 <211> 403
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(403)
 <223> n = A,T,C or G

<400> 352
 aattcggcac gagatctcta ttgatgcttt taatgcattg cctgccttca ggttttcttc 60
 ttacccacc cctcaataag atttggtgaa ttgtaattct agtaaaacat gtcataccat 120
 tggttttcct aaattatcaa ctttctttca ttaaaaaaaa aaaagcccan catggtttga 180
 ctggatanac ncccataatt tattatgaan anaaatttcc atgttngttt ntgttcctaa 240
 accaaagnac gaggtccntg ggaattnaag nancnccca ttatntatta ttanactgca 300
 ngttcctgca anaactgttt agttnacagc cccgtttcnc cagnggagtt ntgggcagnn 360
 attgctgccn aaggcatnac tgcgttngct nactctanac ttg 403

<210> 353
 <211> 399
 <212> DNA
 <213> Homo sapiens

<400> 353
 aattcggcac gagaattcac agtttgcata aactgtaaca tttcatacta tgattcaaag 60

tactacttta	aaaaataagg	gccactcagc	agtaacttta	acaattggga	ttccaccaca	120
gaagagctct	tgacttctgt	gtgtacattc	tttcacagag	tgaatccttt	cccagtttca	180
agtatccctt	tctatctctc	actctgtagt	gagttaagaa	aggagaaaaa	aaagacctcc	240
ccatttttcc	tttcgtgagc	acaacgacga	ccacaaagcc	attcctcctc	cccgtgtgtc	300
aatcgaaaat	gaaaaggctg	ggtggatgaa	tagagtcccg	agggttcctt	ttcttctggt	360
agtgtcaaaa	ggttcacttt	caacctggcg	cagactttt			399

<210> 354
 <211> 432
 <212> DNA
 <213> Homo sapiens

<400> 354						
aattcggcac	gaggtatagt	cagtgatggg	gaatagtcca	gaaaggctga	aacacagcat	60
gtgatgtgag	tcaaggtagt	tgatgcccaa	ctgtgaaggg	ccgttctaata	ctagcatgga	120
ggtagacagt	gtttccttaa	tatggctgca	tatcagaatt	acctagggtca	ggacgaggca	180
tggagatgct	actttaatat	gccctgccgc	agatcttcca	aaccagaatc	ttaatcctgg	240
agtctaggaa	tctttatttt	tcacacaact	catccaagtg	gttctgataa	aatcagtcca	300
gcactttttag	aaccactga	taacagactt	attcctggag	acagcatttg	aggaggaatt	360
gaagattttt	ctaataaaaa	gaaaaagggg	cacatgaaca	gatgttgacg	tgtcctgtgc	420
cagggatctt	at					432

<210> 355
 <211> 416
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(416)
 <223> n = A,T,C or G

<400> 355						
aattcggcac	gaggtgacgg	tgagtgtctc	cttgtccttg	tccttgggag	ataaaaagtc	60
tgttttctac	agctgatgtt	cccaaagtgc	agtggacaaa	aataaccaac	tgggcttccc	120
agtgggcggg	acccttcccc	catccagagg	ggctttgaga	cgtgtccatc	actcctctaa	180
ccagtcaccc	tttctcttta	gttctgggtc	tagggaagcc	atactgaaga	gctgccctcg	240
gtcgtgagcc	ctaataagcc	catgtctctt	ctgagagtgg	attacagtct	ttgtcctgtg	300
caacccccct	ccctttctgt	cccccttagg	cagaggtgca	gcctcagtgt	ggaagagccg	360
ngggattctc	ttcaggcact	gaaaaccac	atggagtga	ggctgcacca	gggggc	416

<210> 356
 <211> 417
 <212> DNA
 <213> Homo sapiens

<400> 356						
ctttattgtg	gtgggctact	gggaacgtta	tttggaacaa	ttcctgtgga	aaaccactct	60
tctcttcccc	acaatgttgc	tcacagtata	tttgtattgg	ctgtgtagat	gggaatttac	120
tctgctttac	tcacttttga	gaacagggtt	ggcagttctc	taccagtggg	ccaatctttt	180
catccccgtg	tacctcacca	tcagagcaaa	aaatatTTTT	tggttcccat	gattgcttta	240
tctactgttg	taacatgaaa	ggtcacctgc	agtggaaatt	tgaaactact	tcaaggtgtc	300
atgcaacacc	gtttgctttc	cataactaca	atggcagcaa	tgaaatgttg	ctggcagcag	360
catctactga	tgggaaagtg	tggatcttgg	aatctcagag	tggacaattg	caaagtg	417

<210> 357
 <211> 378
 <212> DNA
 <213> Homo sapiens

<400> 357							
aaactgtcct	actgtatgta	gtgacctact	tgaagttccc	cttagggcaa	catatataaa		60
aggtgaaaag	tattatgatt	tgtgatacat	acacaggcct	atttagtttg	aagtgtttgt		120
actgtttact	ttgacctatt	atctgtcata	ccttttaggt	gtgataattc	aacttaattt		180
tctttacca	gatccacaaa	ccccaataa	ttacttttct	tcttccatt	tcctccagg		240
catacacaaa	ttgcagtgtg	ttctaaggca	ttacaaagta	acaaaataat	actgttagat		300
ttataaaatg	agtcctaata	agacatttca	gggacatgtt	gaagcatcat	cagttgtaag		360
ttagcactat	ttaaaggat						378

<210> 358

<211> 384

<212> DNA

<213> Homo sapiens

<400> 358							
ggtcttctct	tccatttttt	aaaaaagaat	tttgacctac	accaagcaag	gcagagacca		60
gagtcagtc	cccttgggga	gcagtcctgt	gttttgataa	tcaccacctt	gggatgaaca		120
tggctggtga	gctgcagagc	agttgatttg	acttttgggg	atggttctag	gctggatgtg		180
atacagggca	ggttttgtct	ctagagaaa	ttctcatgac	cttcaggctt	aatgagattc		240
agatcatcac	tttggttttg	tttgaaattt	ccttgtttat	ccagtgaatt	acaagtagaa		300
taaagatctg	gttctaaatt	gtcttttggt	ggtgaagtgc	catagaccat	ttcggaccat		360
ttctatgatg	taccagcagc	cccc					384

<210> 359

<211> 404

<212> DNA

<213> Homo sapiens

<400> 359							
aattcggcac	gaggagagaa	ggcaaacaag	gatgcagaac	agaaagaaga	cttttcagga		60
atgaatggtg	accttgaaga	ggaaggaggt	agggaggcta	cagatgcccc	tgagcaagtc		120
gaggagattc	tggatcacag	tgagcagcag	gcacgccctg	ctcgtgtaaa	tggaggcacc		180
gatgaggaga	atggtgagga	gctgcagcag	gttaataatg	agcttcaact	ggctctagac		240
aaggaaagaa	agtctcaagg	agctggcagt	ggacaagatg	aggctgatgt	agaccctcaa		300
agaccaccaa	ggccagaagt	aaaaattcca	gtccagaaga	aatgaaaac	aaccaacaaa		360
acaaggacta	tgctgccgtg	gcttagaaga	tttttaaaaa	gaga			404

<210> 360

<211> 279

<212> DNA

<213> Homo sapiens

<400> 360							
aattcggcac	gagtgcctt	gctttgtcat	ctgatgttaa	caggagtctg	taatattcat		60
gccaccaccc	aagagtccca	tttaciaaag	agcagacttc	tggctctctt	tagccttttt		120
tgtttcttcc	aacaaaaatc	caggctggag	tggattagg	caatctcagc	tactgaaac		180
ctctgcctcc	caggctcaag	tgattccctt	gcttcagcct	ccgagtagct	gggattacag		240
gcactccacc	accacatctg	gctaattttt	ttttttttt				279

<210> 361

<211> 199

<212> DNA

<213> Homo sapiens

<400> 361							
aattcggcac	gaggtcattt	atataaacat	tttaaaaatg	acaggaacag	tctaattacg		60
ttaagtcaat	taagtttttt	ttttgcttga	ttgtttaatg	ctcttatgaa	aaacacatat		120
ttgtaaaaga	aattatttgc	ctagaaaaat	ttaccatgca	atatatttca	tcatattgga		180
gttccttttt	ttttttttt						199

<210> 362
 <211> 475
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(475)
 <223> n = A,T,C or G

<400> 362							
cctcattggn	acctnagacc	gctcttggac	tttatgcagg	anccctcgat	tcgaattcgg		60
cacgagactg	ccttacaacc	ttattcctct	tcattttgtc	ttctcactta	cctgcagaaa		120
cccagtttat	ttttgttctc	cctttaccac	accagccttg	taactgttat	gaatgaccct		180
caatctcact	ggaatctgaa	tcactcagga	attcaagcaa	actggatggt	ttaaccactg		240
ttcagctttc	ttatggaatg	acagagaact	tgtaaagata	aaacaccagt	ttgcaggaag		300
aaaggaagag	aatggaaatt	gcttctggaa	aatactagtt	ttacaatatg	ttttgtttgc		360
tgctctctta	aataaactta	atcctataaa	cattttttaa	gaactagcca	ttaagactgn		420
taagttctca	attataaagg	aataaaatgg	tttaaggagg	attatttgcc	ttgct		475

<210> 363
 <211> 438
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(438)
 <223> n = A,T,C or G

<400> 363							
ctcgggtaac	tgaaaccaca	gaaagcaaaa	catggataaa	gtgggggtcta	ctgtaggggc		60
aatgtttaaa	agcatttgaa	ttgctcttgt	atgccttact	ttgagattaa	ttgtataagt		120
tttcagaatt	attgatcata	tcgaaattta	aatttgatgt	gaaggaagta	tcttaggaga		180
agctaaaaaa	tacataaatg	aacgaagact	ggaagaatct	tcaagatggt	aaaaactcat		240
ataaccacag	aaataaaaaa	tccaattggt	aaagtcatag	taaagagaag	gaagcaaadc		300
ataataggtc	aaaatataaa	gataaaatga	ccactgaaag	gataataaag	attgtgaaaa		360
tcaggacact	ctcaaacaga	aacccaaaag	ggaagagaga	tgaaagcnag	agcaaagtnn		420
gacacaattt	gtacgatc						438

<210> 364
 <211> 435
 <212> DNA
 <213> Homo sapiens

<400> 364							
aattcggcac	gaggagctct	ctttcctgcc	agagtgtggt	acatttatctt	aaaacaagtt		60
tttgtgtgtc	ttatacgtgt	ttaaaataca	tacagaactc	tgattaggga	gtgttgtgaa		120
catctgggtt	ctgagaatga	atttaggttt	caatagcaaa	agtcattgtg	gccgctcctt		180
taggaaagtc	atttttctcc	tatgagtagt	catccccggt	agacttgact	gaaatcctgt		240
gttttaggag	gatttggggg	gtgcccctgt	cctcccttcc	tctcattaca	ttgggtcaaa		300
ttagttttgg	gttttttttt	tcccacaagc	ttcgcttttc	taagaagtac	acatttggcc		360
caaattcacc	gggataagtg	agaacagcca	gaagcataaa	atgtgatgaa	ggtttctcct		420
gggaccttat	tttac						435

<210> 365
 <211> 423
 <212> DNA
 <213> Homo sapiens

<400> 365
aattcggcac gaggcaagat acaggcttgg accattagct ggaaatatgg tgagaacaga 60
cacagacacc ctgggggtcgt cagctagcga taccagcatc agttttcccc agctgagaag 120
gcaaggaagg agcagggaca gtcctgagag ctgtggacac gccacaccg ctgttgggcc 180
tggttaatgc cattgaacac ctgagcaagg gcaggccag ggaggctgaa taagtctaga 240
ttcccatgtt gagtaattaa aagaactgac ttttaccaga tgaaggccag tttcaaagtt 300
gggctgcttc tgtgttacca ctgccctttt gctgtggtct gaatgtttgc gtccccacaa 360
aattcatatg ttgaaaccta acccccagat gatggaatta agagatgagg cttttggcaa 420
gtg 423

<210> 366

<211> 420

<212> DNA

<213> Homo sapiens

<400> 366
aattcggcac gagctgggat gatgatactg aatagtctgg aatgtggcat tctttgtctc 60
aaagagagtc tttaaaaaaa tctgtgttct gatggtagag ttccaatttt ggcattttgc 120
cttctgtgat aatagataga ctttgactct aggtaaattt gtggtggagc aaaagtctcg 180
ttgggggtgt tccacttacc ccttactctt tgccctccct agtcatgttt gtctctttt 240
ctttctttat aggcaatggc ctgatactca tagtcaggaa taaataaata gttatggttt 300
aaaatattat tcttgagagt attttcatct ttgtctggga acaaacatgc ttatttgtac 360
ttgagttctt gccttctacc atcatcactg gaaaaacatc tctgggtagt cactgcctcc 420

<210> 367

<211> 406

<212> DNA

<213> Homo sapiens

<400> 367
aattcggcac gagagaagat agaacaattg gatgagttac agaaagcaag caattacata 60
tttgcattaa agtatatttt ctttctattt aacctagact aagaactatg ctaatgatat 120
atttcaaata ataaataaaa tatcatctat agcctgagag agaggaaaaa gaaagaggtt 180
agaaggatgg aatacttgag ggagaaggga aagtgagcat agagttggtc aaaggcaatg 240
agatactgct cgtgggtcatg gaaggtaaca tcacgccctc aataccaatg ccctataaca 300
gaagtccatt taaaggactt aaccagaaa aattgagaaa tgtcaagaat cttacagagc 360
ttctgtttgt atactgagaa tcagggaatg atcagacaag tgtatc 406

<210> 368

<211> 408

<212> DNA

<213> Homo sapiens

<400> 368
aattcggcac gaggggagaa tcctcaaaaa tagggatatc agatatttct tgcgtttcag 60
aaaaaacttt tcaaacactt gaatgccaac acaagagaag taggagggtg aggagatcta 120
aaggttgtga ttgctgtggg gaaaaatcac aacctcagga aaagtcactc attgggttaa 180
agaatacaga aaataatgac gtagagatta gtgaaacaaa aaaggcagat gtgcaagcac 240
ctgtaagccc atcagaaact tctcaagcta atccatattc tgaaggacaa tttttagatg 300
aacatcatag tgtgaatttt catttgggtc tcaaagagga taatgatact attaagtatt 360
cattaattgt ttctgaaacc aaatcaaaaag aaaacactat gcaagaat 408

<210> 369

<211> 399

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(399)
 <223> n = A,T,C or G

<400> 369
 aattcggcac gagacaagac tctgtctcaa aacaaaacaa aacaaaaaac tgggaagtta 60
 tgagctaata cataaacctt cattgcacag tcttttaaaa tttgttggtt ctactttctg 120
 aaaatgaaaa tattaatcc ttcctgaaaa cagaaaatat caaaaactta actgcattag 180
 acagagatat atgttaactt tgagtgcatt taattttgta ttcttgagta ctgtttaaag 240
 tgtcttttaa aagttctctc ttattggggc tattttattt attctgtttg cagtttttat 300
 gccaacttta cacatttgta aatagaatat ttaaaaagaa ttttttttga gggattgatc 360
 tctaacttct tggggactta tanntggtct tttgggtgg 399

<210> 370
 <211> 403
 <212> DNA
 <213> Homo sapiens

<400> 370
 ccattgctta tcttatattc taattcccag agcacccctac ttgaaagcca gttgttttagt 60
 tgatcactag atatcaaagt gaaatgatca atattagttg cacttgcctt ttttggtcag 120
 aaatgttggg ggcaattttg ggtggtagaa gcagtagttc gtttgggtggg attgaatgtc 180
 tccatgttta ctgttttcat ttcttattat gcagcagaaa tgtgatgggg cctggttgtg 240
 tgtgtatagt ataagtgttg tcagttcctt ctaagacatg cgtttactgt ctaagggaat 300
 tttgaacctc attcccattt accatgccaa aacatatata tctattttat gttgccttgt 360
 ttttagcata agaagtatat ttacttaacg ttgcttgctt att 403

<210> 371
 <211> 398
 <212> DNA
 <213> Homo sapiens

<400> 371
 ctccacaaac cacaggcctc ggcgggggaa gagcccggcg ggcgccagcg aagcggaacc 60
 aaacggagcc gcggcacgca ggcgcaaagg ctggcggttcg aggttcggtt acgcgccgct 120
 tcgccgtgca ggtggtggcg aagcgctcct ccgaaagggt tcggaagctg gtggtagctc 180
 tgaagataac gctgcgttag ggcatactgc ggcggaggat ggaactccga ttgaaagcag 240
 ttgctggagt ggagcacgaa tttcaacaag ccgcatgttg aagtgtgagg cgtgaaaggg 300
 tatgtctgat atttgcttta aaatgctcca gcaaagaaat taagggatgg atgaagcaaa 360
 agagccaggt atggtggctc atgcctctaa tctcagca 398

<210> 372
 <211> 397
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(397)
 <223> n = A,T,C or G

<400> 372
 aattcggcac gaggtgnctg ttaattgtat taactaacat actagtgtct gttaattgta 60
 ttaattaatg tgtgtacatt tctttttatt atagattcta aagcaaacta ctacacgtag 120
 gccatcatgt tccaagtttt tgaaagttca tctttttcat cttgttgata aatttcatca 180
 actttttatg aggttaattca aatagaaatt tgggataaat tggactgatt ttttgggatt 240
 attgagtatt tttatttcag ctctgttttac agcactgaaa gctggagtaa aagacattag 300
 atatccctag tcacttgaga cttcatttta aaagccagtt gtactggctt tgccatggct 360
 ttgtcttggg tttgatttct accacatttc ctctctc 397

<210> 373
 <211> 393
 <212> DNA
 <213> Homo sapiens

<400> 373
 caagcacccct cccaaacctt gtcttccctc ttctgttgca tcctttccct acccttccct 60
 cccaggtgct cggtagctta cctagtttct atatatcagt gttttatgtt ggaatttttc 120
 cttgttttta ttttactagt tggtaaaccg tgtttatgct gaaacaaata aggaaatggt 180
 atatttgacc atatgtgtta ttcatagaag acagtatgat caaatgtgcc aaaaacaagc 240
 aaacaaaact taattcctga gaagtatgcc ttatttttat tgatctgctt tgccttacaa 300
 ttaaggtcca agagcttggg taaactgtat tatttgcccta agtataaaag aaaacttgaa 360
 ctgcattgca atattgacgt tctttaaaat gag 393

<210> 374
 <211> 396
 <212> DNA
 <213> Homo sapiens

<400> 374
 aattcggcac gagctcattc ccatttacca tgccaaaaca tatatatcta ttttatgttg 60
 ccttggtttt agcataagag tatatttact taacgttgct tgccttatta tgagtccttg 120
 ggcaaaaaca gaggcaattg tactttgttc ttgtttggat gggtaggcagt tttcagaaat 180
 gcaacagatt tttaaatttc aaaatagcaa acaatggggt ctatccttcc tctgttttgg 240
 ggaagtaaga ataataatta ttttctctcc tagcttttaa agatgaaaat cagtttttat 300
 ttgatattgt aatttaggac atcattttta taattttata tcatatgctt gtctcataaa 360
 taatatacta tacaataaaa tttaatgagg acccac 396

<210> 375
 <211> 396
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(396)
 <223> n = A,T,C or G

<400> 375
 ggaaaaccta acctgattag agccttgact attttgaaga ttaaatagcac actttttata 60
 taatgtgacc agtttaaagt tagtttgtat tgtactgggg gaccttttgt tgttggtgtt 120
 tgcttaaaact gtgatttttt tccccctccc taatttcagg ggtgagattg actttgggaa 180
 gacagattag ttctttgtca ggccaacaag tgatggagtg cgggagagag aacttggcac 240
 ccaaataatat caaactattc cgtgccgtgg atgttttcat tgccaacgag ggtgtaatga 300
 tttgcttctg caccttggtc tagngctggg ttgnggtgtt tttgtttgta aattancctc 360
 actgcctccc tgaaagtgca cagtcagccc aggtct 396

<210> 376
 <211> 412
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(412)
 <223> n = A,T,C or G

<400> 376
 aattcggcac gagatttcct acaaaagctt gatgccatag agctcttact gcttttaggtg 60

agaatttgag	tctttgaatt	at ttgtttt	aactttttatt	ttggcagaaa	taccttttta	120
gaacaatgg	tagctctaac	ttaggacttt	ggttttccta	cgtcgcttta	ttttcctttg	180
ttaagggttc	tggttaaaat	accatatatc	aggtttaaat	gcttacaaga	tttcttttgg	240
gctgaaattc	tggcgctgga	ctgtggctga	taaaatatta	ttgtggtttc	tttactaga	300
agaaactttt	catctgtaga	acttcgtttt	tagttgaagt	cattgagcct	ttctttactt	360
gaaaagaaaa	ttaagtactt	ttcttccatc	ctntgaaaag	ntaaatgaaa	ag	412

<210> 377

<211> 387

<212> DNA

<213> Homo sapiens

<400> 377

gttacaagcg	tgaacacaa	acttcagatc	aaatctagag	ttgcttcatt	taatgcatgc	60
tagcaacagc	cttaactttg	gattcagtta	tttgaaacac	ttttccggca	tctttccctt	120
tctaattgtt	tgggggtgga	accggatggc	aaatcactgt	gagccggata	cctcagcaca	180
gtccaccttg	tgtgtgactt	cacaaatggg	ggacttcaca	aatggggtaa	ctgaatgtta	240
ttactttcaa	at ttgtgacat	ggagcattat	gatcaaggaa	atggagctgc	cttatacatt	300
aaacccgtga	tttaatccta	ttgacatttt	catagccatg	cctccagatt	ttatcttttt	360
ggcaaaattc	tgattccaca	gtttgggt				387

<210> 378

<211> 392

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(392)

<223> n = A,T,C or G

<400> 378

agagaagaaa	gagctgcaaa	tccaggtgga	gcactacgag	ttccagacgc	gccagctgga	60
gctgaaggcc	aagaactatg	ccgatcatag	taagtggctg	gcgggagcct	ggaggcgcg	120
ttgatggg	ctgctctggg	acggctctgg	ttgggggtgg	catggagcgc	cttccacaca	180
aggggacgag	aggaagccca	ttgggagcct	cagccatgta	ttccagctct	ttgtactgct	240
gcctgtttct	gtaatggg	ccagattgtg	tgtggaaata	agtaaatacag	gccactgtgg	300
cccatagcac	ttttgcttca	gagtgaattc	tgacccccag	atcacaagtc	tgtggtcctg	360
aaggncttn	ctgaatcttt	tnaacagagc	tc			392

<210> 379

<211> 409

<212> DNA

<213> Homo sapiens

<400> 379

aattcggcac	gaggatatgt	tgagacaatg	actttgggtc	aagaggaaat	tacatagctg	60
aaatattaag	accttgaaca	tagcagaaac	ataaacctat	gaacaacttg	tgttttgtgt	120
gaaagctagg	gtagctgata	ggattagcag	atattggtag	aattaagagt	caatatttaa	180
attattgcta	aagattaaaa	tccctcatct	tatagtttgt	aggggattcc	atgatggtaa	240
ggtatagatt	gaaattaaat	ttagtaacta	ggcatttctg	accataccat	ataaaaaata	300
attgtaatat	ggtataaaca	ctgattaaaa	gtaattatgg	at tttcatgc	ctgaagaacc	360
tttcagtatt	cttacagcac	tgtatcttct	ttattgggtga	gaatatcag		409

<210> 380

<211> 409

<212> DNA

<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(409)
<223> n = A,T,C or G

<400> 380
ggaaatggag gtgagtgttg ccaaggcaat tgatgacctt attgttgacc tgcttgacca      60
aaagagaata aattattcca aaataagaac cttggctctt tttgctgggc tatggttgtg      120
ttccatttta aagttattta gaaaactaaa cacttgcaag aatctttgtt cttagaagga      180
ctgtattcat agaataagtg aaatctactt tgatttccga cttaccactt cccatttttc      240
tcagatattt atcaagtaat gtggtttgta atccaaacaa aaaaaagtgc cttaatccag      300
aacatacaca tggagacaat aacagcagac tgatggtgtt tgtactttac taaaacattg      360
agatcttctc taaaacagag tggttgagaa catagtgcta aagngaaag      409

<210> 381
<211> 402
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(402)
<223> n = A,T,C or G

<400> 381
cacatcccac cctgcctccg ggaagggggc tctcctggac atgtctcctg cagctgctgc      60
tgagccagat ggggaccagc aggacagaca cgtcagcaaa ctcatcctct gcttctttgt      120
cttcggcgcc gtcttgttgt gtgtgggagt cctgctctcc atctttgggt tccaggcatg      180
ccaatataag cccctcccag actgccccat ggtgctcaag gtggcggggc ctgcatgtgc      240
cgtggttggg cttggggctg tgatcctggc ccgctcccgg gcgcaacttc agctccgtgc      300
agggctgcag agaggtcagc agatggaccg cgaccgagcc ttcattctgtg gagagagccg      360
ccagtttgcc cagtgcctta nantttggtt tctgttcttg ac      402

<210> 382
<211> 388
<212> DNA
<213> Homo sapiens

<400> 382
aattcggcac gaggcagtgt ctccatcagc agtttgctct ccatgggcac acgatgacaa      60
aatatcctga agcgaaccac tagtctgacc tcagtagcag gattggaagc ttcatgccat      120
gggagctgtc aagaaaggca tcccaaagag aactgaaatt taaaaataat aatagacctt      180
caggaatagg tgattgtccc catatactgg ggatgaaata cccaatgtaa ccaaattccc      240
cagtaagatc acttagtttg gcaatagtct tttcttttga gcatgttgaa gtttatttgc      300
tcaatgaagg ctgaaattat aagtcagtat atatgtatta ctaagtagaa cttgaggtaa      360
ttatatgttt tagtcaaaag cagtttct      388

<210> 383
<211> 455
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(455)
<223> n = A,T,C or G

<400> 383
tttgnctttg anancgcacn cggctttttgc cntttgcagg atccncnatt cnaanncggc      60

```

acgagatcac	tctcattatc	actgctcatg	cttcttctct	cccactgcc	gttatgattt	120
tggaggagt	gggactatga	catgtttctt	tgtatcatct	ctagcacaat	agtttgctca	180
ttgtcagtg	cctaaatgta	tgcatataat	gaatgtgtga	atgaatttga	cataaatgaa	240
tattgttttt	ggtacctcag	ccattctttc	ctttaatcgc	tttccagttt	ccccaggctt	300
cttttgcaat	tatgtttctc	ttccagtccc	tcatataaaa	ccctcctttc	aggaaagaat	360
tgggtgagca	tactcaaccc	aagatattaa	tggccaaaaa	atgttagact	tttgtggtat	420
acgcatttaa	aagtgtagaa	ctcggccggg	cgcgg			455

<210> 384
 <211> 429
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(429)
 <223> n = A,T,C or G

<400> 384						
aattcggcac	gagaaaagaa	ataggggttga	attctgataa	aaagtgcact	attagaaaag	60
tatttctatt	cctctaggga	catccgttca	atttttgttg	ttgcttcatt	gattttttgta	120
aaaagggtgt	gcctttttaa	aatcatttta	gaaaggcaat	gtcattttta	atgacattac	180
taccatgcat	agttttgtga	gaaacctggc	tatgtttaaag	ccatttcatt	tgagatacat	240
tttgaattga	aagttattct	gttggttcttg	ttttcagaag	cagataattt	tggcgatgtc	300
tgggccttct	tgtgtctctt	tatctgttta	cctacctgct	tatcacaact	aactttctgt	360
ccagnttttt	ttaatcctta	gtaaatcagt	gnctaagaat	ctttagtcac	tcagttttga	420
ggatgactg						429

<210> 385
 <211> 407
 <212> DNA
 <213> Homo sapiens

<400> 385						
ttttttttga	attattgaga	atatttcttt	ggaccacaaa	ctataaaatg	tgaaaaaaa	60
taaaaagtat	gccaaaagg	ccacgtgttt	ctacaacaca	cgaaagtaaa	gaataatact	120
gcatgtctaa	tatgcaaata	aatgtctctt	gccaaaatat	cacaacttaa	aatgccatta	180
tgaaacaaac	cacagaaaga	ccttatttgt	gttacatacc	aggaacatac	caaaatttga	240
atgtctgatc	cacacagtga	ttcacataag	atgataaaga	aacaaatgga	tattttgtga	300
cacaaacgta	ttgtgaagcc	ttaatatcac	agatttatat	gcatttaatt	aaccatatag	360
gctatctgaa	aattattgat	acatcacttg	tttctaggg	ctaaaaa		407

<210> 386
 <211> 405
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(405)
 <223> n = A,T,C or G

<400> 386						
aattcggcac	gagattacct	ctaaaaatata	gacaggaata	tgacattctt	atttgaagga	60
aatggaagg	aattcttttc	acaaacttaa	gaatctttcc	atgacataaa	taaatcgagt	120
tttatttata	agtaccctag	tagctagtca	catttctgg	aacctcagcc	aaaaaataaa	180
tctgccaat	ccttgagtca	ttaaaatatc	ttttacattt	atattctgca	tatttacttt	240
aatgatatt	gnattttact	gcacttagca	cacaagttta	acaaaatttt	cccaggccac	300
aagaagataa	aatatgacaa	agagtaaccc	agttttgaaa	aatgaagaaa	tgaatactct	360

attgaagcaa gtcagaatgc cnaagtcac aatttatgaa ttttt 405

<210> 387

<211> 408

<212> DNA

<213> Homo sapiens

<400> 387

aattcggcac	gaggttagat	atagcgattg	ggtagtggaa	tgggtggttg	atgcaacagg	60
atcttgga	atatttctgg	gggttagagg	ataggctgag	aatattatag	atgtttggaa	120
acatttgtgc	caacctgaag	atgggtgttc	tttgtctctc	ccaattagca	cagctgtggt	180
ctgttggtca	tctggttagag	tgatcaatct	agagtttagaa	tacctaggga	tgacataaag	240
gaatatgaca	gtccggaaat	ctaccagatg	aagagccagt	ctgagctcag	aggggatttt	300
gagccaaggc	atggcatttt	attttttagat	ggagctgaac	attgtgatag	taaccagcac	360
tagatgaact	aaagttcagg	aggaaaagcg	gaactatcca	aggtgaac		408

<210> 388

<211> 419

<212> DNA

<213> Homo sapiens

<400> 388

gtccccaggg	gccgactctt	cgcttttgac	tcagagggaa	attacatgct	gacatgttct	60
gccacaggcg	gcgtcatcta	caagctgggt	ggcgatgaga	aggttctgga	gagctgcttg	120
agcctagggtg	gccaccgagc	ccctgtgggtc	accgtggact	ggagcactgc	catggactgt	180
gggacctgcc	tcaccgcctc	catggatggc	aagatcaagc	tgaccaccct	cctggcccat	240
aaagcctgat	tacttgcccc	aagggccacc	cgaggaagca	gtattatctg	cggtgggggg	300
aggagatata	ggacaggaaa	accacgtgct	ccactccagc	tccctgcagt	gcagtgactc	360
tgcagggaaa	gactgcaagg	aggctcaagt	gcttccatct	gtggtgactg	gaatgggac	419

<210> 389

<211> 399

<212> DNA

<213> Homo sapiens

<400> 389

aattcggcac	gaggttaatg	ctttcgtctc	ttgtaaggta	aggcatatac	tgcttgctta	60
cacaagaact	attggcattt	tctttttttc	gtttgaaaca	aatatgaaaa	atagtatttt	120
ggtttttaaga	aattttttatt	ttagcataca	acataaact	gacatttggt	ttttcttttt	180
tgctttgtaa	acttaattct	taaaacttag	gaaaattttt	ggataggaca	acttggtgat	240
tcagctataa	cagatcttat	ttcaataata	actttctgca	atatgtattc	atacattttc	300
aaatgtgtgc	cttaggaaat	cacaagtgtc	tttatagtgt	gaagtgttaa	tggctgaatc	360
caactgaatc	accaactagt	aagtgggggt	ctgggtgat			399

<210> 390

<211> 400

<212> DNA

<213> Homo sapiens

<400> 390

aattcggcac	gagcccagga	gccctgctct	caggatttac	aacaccagaa	tcccaagttt	60
tctgagaatc	gggcatccaa	ccctcctgct	tcatcatggc	aaaaaaaaatc	cctggaccta	120
gaccagata	tccagggttaa	gtccctgggtc	aaaaggacca	cacatttccc	tgatgggttat	180
ccaccttgcc	ttgccacggt	ctgtgctcat	ccctctctct	gtccttcatt	cctctctgac	240
atctttctcc	cagagtaact	gctaacttcc	agtctaaatc	ttgctgagga	agaagagata	300
ccacctcatg	attcatcttg	gagtggccaa	gcctccctcc	acttgtttaa	attgccccat	360
tcccggagac	cttgccctgt	gcccagcgct	gggctgagca			400

<210> 391

<211> 403
 <212> DNA
 <213> Homo sapiens

<400> 391
 aattcggcac gaggggtggca cgtgccttta gttccagcta ctcaggaggc tgaggcagga 60
 ggattgcttg agcccaggct gtgtgggttca ccataattgt gtttgtgact agctactgca 120
 ctccaacctg ggcaacatag tgggacttca tctctaaaac aaaacaaaac aaaattacac 180
 ttaagcacta ttgtttaatt tttaattgtc agtttatcat tattttgggt aagacattct 240
 ggggtttctt gaatcttgct caaaaaccag ttgttttgga aaattgcttt aaattgagca 300
 tatttatgta tattggataa aaatgtacta cagagcaaat ttcaaatttt tcattatata 360
 agtctttttg aaaggatcaa cttggataaa ataaatatat aat 403

<210> 392
 <211> 401
 <212> DNA
 <213> Homo sapiens

<400> 392
 cagctttttc atagtggatt tgatgggttt taagtaaaga atggaactgg tatgcttttg 60
 aaatcagtgt ggcttaataa aatcctcatg tgtatttttag caccctcatc ataactccat 120
 acagtatact ttttgttccc cttttcattt tccatttatt cctggtttct ttgtatgtct 180
 atgctgtcct ctctactatt ttctctctcc tctgttttga actttttcct ttctctgaat 240
 aacctaaagt gaatttcagg tggctctcat tagccactca ggtgctaaac actaaatgat 300
 tttatgcctg cttttatttc ccaaagacaa aaagtcactt atgtacaaaa gtgaaagtgg 360
 tgctgatgca ggaaagccaa aatggagtcc taacacttgt c 401

<210> 393
 <211> 416
 <212> DNA
 <213> Homo sapiens

<400> 393
 ctgctgacca ccatacccca ctccagcctc actgagcatt tttgtgtaag gttagtgggtg 60
 cagttcattt agcaataaat actgttgtac cttttgcagt agacaactat taactttcat 120
 ccttgattct cagttttttc caaaatacaa gtgaatacct ggtttcccca gcaacattgt 180
 aagattgaga gtaggaattc attgagattt taatgaattc catggattgt ctttaagagct 240
 atctaaactt ggaagaaaaa taacttccag agcatctaaa attgaaaata aaagatcaga 300
 agcaaataaa agatcaattc cacacagctt ttctctctct agacgtccct cttctgccat 360
 atcctgtaaa catctgaagt gttctgagta catttggaga gaatatttaa tgatca 416

<210> 394
 <211> 384
 <212> DNA
 <213> Homo sapiens

<400> 394
 agcaacccta gcaatagact gactctacta caaaacaatt tgggtatttc tcttactatt 60
 tctctattat atctgttgag ggaatgttat catgagcaca ggtattagtc ctatgctttt 120
 aatcgggttta gtggtttctt tgtgtctcat tttattcatt tgtaattttt ttaaagacta 180
 taaaacttcc acagtttctt tagatcatta agttatatga ctctttttca tgggggtcag 240
 ttaacaatac ataagaaaac attcgttcta ggataatata tgacctaaac gtcttttgtt 300
 agacttagag atatcaatat gctttctatg tttcaggcat attttatatt cctggaaatt 360
 aaacaatata ttttaggacc ccat 384

<210> 395
 <211> 314
 <212> DNA
 <213> Homo sapiens


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<400> 395
aattcggcac gagctgaggt ttctgattcc atattttaatt gactattatc aatagcctga      60
tattgaaaaa catttgtagt tttcagtgtg aaactaaggg gttgaagaat cactattaca      120
atccctatta cagagcattt cgggttttgc ttgtatttta gattctgata catacgctgt      180
ttcactcagg aactacttct accagttaat cagcattatc cagcacttgt ctttaaaatt      240
catttggcgc ttgtttgttt tcaactgagg aaattgagta tagttcattg aagaatggaa      300
tttttttttt tttt                                     314

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<210> 396
<211> 315
<212> DNA
<213> Homo sapiens

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<400> 396
gatatgcttt aaaattaagg tgagtgggtat tatctctagt ttgagacaaa gagaagcgaa      60
gtaacaaaag gccacataag tgataaatag tggacctgga gtttaaacct gggatcccca      120
cctaattcag aaatacgaaa tcaaccactt ttttgatgat ccagggtcta tgtatattta      180
ttacatgtat gtatatatgt atatatatat gcatgtgtat atatgtacat acatacatat      240
agatgtgctt gtctagtgtt tttcccacca gataggtagc ctttcttctc cccttgctca      300
cttttttttt tttt                                     315

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<210> 397
<211> 386
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(386)
<223> n = A,T,C or G

```

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<400> 397
aattcggcac gagatagtct ttttttttat ttcagtatag ctatggttac ttttttcatt      60
ctgtgttttg tatatttgta tccttgatct gtcttgctag aggtttgtct ttttaattaa      120
cttttgatat tgaaaatttc caagcataca taagagagtg taaaaaactt gcaagcacc      180
attactcaac ttttaacaact atccatattt tgccatattt ttttttgcct tatcttttta      240
agaaatgtct tatacagtgg gtgaggtgga cnatgcctgn anttctngcc tctgngangc      300
ngganncntt cncnacnntt cganctcncc ctcntacntg nntnngncnn ncanngctnn      360
cnnnannccc tggntcnntn nctcac                                     386

```

```

<210> 398
<211> 462
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(462)
<223> n = A,T,C or G

```

```

<400> 398
ttggcctttg gantntcaca cgagcttttg cangatccgn tggattcgaa ttcggcacga      60
ggcttctcct cctcttctcc agctcccagg cgaatcatat agaggtgtgc tctcaaattgc      120
acacacacat acattcactc agcagatagg tgcacactcc ccagaacaaa cccagtctct      180
gagcccccct caccaccctc ccctctcccc agctcactcc caagggcctt gcctcagtgg      240
aacactgtga tttggacagg gaatgcatcc tgacttctgc acaccggtat atcaccttcc      300
ctgcacccct aattaaacaa atcctgagca tttaacaatt aaccagtatg cattcagcac      360
ctactgtgag ccaggcccag ttctaggagg cctggagaga agggcgggtg caaaagagac      420
caaaaatctc tcacagagat gataatgtgt cccacatcgc cg                                     462

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<210> 399
 <211> 420
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(420)
 <223> n = A,T,C or G

<400> 399
 aattcggcac gagaatagat gtatagttgc tgccatctcc ccatataaaa actctcttta 60
 catcggtttct gagccacttt ctttgctgtc tgcagcattt aaaatatatt atttttccta 120
 attagaaaag tcacagggtt tagaaaattg ggaaaacaaa aagagcataa agaatcatca 180
 atactctggg atagatatag atctttccag tacggtttgtg tatgtgtgta cagccatta 240
 tctacaaaaa agttatgttg aacatggtag tttaagctgt ctttctggta aatgctctta 300
 tacaatatga tttttagtga ctaatatcc ctaatgtgtt catgccagaa ttcacataac 360
 cagtaccttg tcaaatagga ggtttctgat taaatagtag tagagacagn atcctgttac 420

<210> 400
 <211> 415
 <212> DNA
 <213> Homo sapiens

<400> 400
 aattcggcac gagactacaa aatgttaaca atgggtgaat gtaggtgaag agtatgtggc 60
 aggggtgtttt ttattctcgc aaattttgtg taggtttgaa gttaccacag aatagcaaat 120
 ataagaatga ttctgcaga cacacgagtg atttcaactg ttcacagggc tcaggcagga 180
 agcagatctc ttgccctccc tctgatccag gtcacttagt ccagtccttg aaagcagtg 240
 atggacaacc atgccaccct ctttcttcca atacacctta ttttgtatcc tgcccttttt 300
 gtgtagcatt agatcatgag cattttcctc tgctataaat gtccctcaa atatgttgtt 360
 tcttgtgact ccctagtgtc taccacgat ttctcggct gctccacctt ggggg 415

<210> 401
 <211> 407
 <212> DNA
 <213> Homo sapiens

<400> 401
 ctctgagctg aggaaacaag gtgtcctcca tccccagtg ccttcacatc ttgaggatat 60
 gcttctgtac tttttaaaag cttatagttg gtatggaaaa catttttctt atttttaagt 120
 gttattaatt atatctatgg aaaaactatt cctgaaatat atacagtctt atgtcccaat 180
 cagagtcttt taacctatga tttaaaaatg tataagtaac agaaattaac atattttaat 240
 gactttactt tttatttcta agaaaagtat ttgaaaaatg gaataatttt aaatcaatga 300
 taattctagg gatcatgaac tcccagaaga ttttattatt taattgtaaa ggtagaggcc 360
 agacgcagtg gctcacgcct gtaattccag cactttggga ggccgag 407

<210> 402
 <211> 405
 <212> DNA
 <213> Homo sapiens

<400> 402
 aattcggcac gaggtcatgg aaatagaatg caccaccatg agcatcatca cctacaagct 60
 cctaacaaag aagatatctt gaaaatttca gaggatgagc gcatggagct cagtaagagc 120
 tttcgagtat actgtattat ccttgtaaaa cccaaagatg tgagtctttg ggctgcagta 180
 aaggagactt ggaccaaaaca ctgtgacaaa gcagagttct tcagttctga aaatgttaaa 240
 gtgtttgagt caattaatat ggacacaaat gacatgtggt taatgatgag aaaagcttac 300
 aaatacgctt ttgataagta tagagacca tacaactggg tctttcttgc acgcccact 360

acgttttgcta tcattgaaaa cctaaagtat tttttggtaa aaaag 405

<210> 403
<211> 386
<212> DNA
<213> Homo sapiens

<400> 403
gatcatagct cactacagcc ttgaagtcct ggactcaagc aatcctcctg cctcagcctc 60
ccctgtctca aaagttaaaa aataaataaa ttttttttaa aaaaagaatt aattacaagg 120
tgaagttaac aaggaaggtt atatgttatg aagaatattc tactatacga ttgtaagttt 180
agacttggtc cagtagcaat gtggaggtat tgaagttttt aagcaggaga ataaaatgat 240
cagattgagg atgatggctc tgatggtaaa gtataatcaa gtttagcttt cctaattgtcc 300
tttctttgat gcacttaaca atttgaccac ggaaattaaa cttactgcct ttaccctaag 360
aaccatgta gttcttcaag gtctcg 386

<210> 404
<211> 426
<212> DNA
<213> Homo sapiens

<400> 404
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cagtgcataa ggaagtccag atgatgcagt caatagaggt cagcctccca gatgtggagc 180
tagagaagag caaaaagtgg cctgggaata tacagaataa cgagcacacc atccttagac 240
agtcacatcc atccacacat ccattcacat ttcagttcat accagagatc attgctaattg 300
ttatatagaa cataataaac ataaatccca tttctcactc attctaaaca ttacatttca 360
ggtacacagt acatcccac atcatacatt ctggccacaa cctacccttc ccacatcact 420
tctact 426

<210> 405
<211> 408
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(408)
<223> n = A,T,C or G

<400> 405
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cagtcctatat aggctttggg actatccaca gtttcaagca tccattggag gtcttggaac 180
atatctccca tggataagggt gggctactgt attggtttaa gttcctcaga tttcctggac 240
tacctgacat taggctctac aattctttca tacatgctac ttcaatcagc agcatgctta 300
gcacatagca tgtgtttaat aaaagttaaa tttaaaataa aaatcaagat ttccagttga 360
actgaagcta gggaaaccta cacatatattt gtgcggtagn tngtttgg 408

<210> 406
<211> 398
<212> DNA
<213> Homo sapiens

<400> 406
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gtcctatgct tttaatcggt ttagtggttt ctttgtgtct cattttattc atttgtaatt 180

tttttaaaga	ctataaaaact	tccacagttt	cttttagatca	ttaagttata	tgactctttt	240
tcattgggggt	cagttaacaa	tacataagaa	aacatttgtt	ctaggataat	atatgaccta	300
acagcctttt	gttagactta	gagatatcaa	tatgctttct	atgtttcagg	catatttata	360
ttcctggaaa	ttaaacaata	tatttttagga	ccccatac			398

<210> 407
 <211> 396
 <212> DNA
 <213> Homo sapiens

<400> 407						
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taatgtgaat	gtgtaaagtg	actgattttt	aaagctatca	ggaaattaca	ctctgccaaa	180
tattatactg	cagctagaat	ctagatgatg	gcaggatatg	aaaacccaaa	aactgtctaa	240
aaattttatt	aaaaatatga	gtcagttctc	atcggtttat	caaggcatac	attttgttgg	300
agtgccagaa	aagaccataa	tgtgtatgtg	aacatttgtc	tttgtgttaa	attaattagc	360
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<210> 408
 <211> 406
 <212> DNA
 <213> Homo sapiens

<400> 408						
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ctttcttatt	ttctaaaaat	ttcaatgtgc	atgtagtctt	cagatgcttt	cctcgaagaa	180
aaggagagtgt	catctattta	tctgaccttg	caattatgac	atttcttaga	agtttttttt	240
tttaactgac	cgtatcttat	gaaatggtct	tgcatggtg	ttgttgaaat	gacttttttg	300
ctgcagtgtg	ccttgccctg	ataattcctt	cttctacta	tgcttcagtg	taattatttc	360
tcttactccc	actgatactg	ggggaaggag	aggaaaactcc	ctgatg		406

<210> 409
 <211> 448
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(448)
 <223> n = A,T,C or G

<400> 409						
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ctcctgcctt	cttttagctt	gtacagctct	gtttgcaaca	agatcctgag	aaaaggtaat	180
attgatctct	tttaaatagc	acaaaatgta	catgttttac	attttataga	agctttgtaa	240
cattgccctt	ccaggagaat	acaaatcttt	tgatcaaaat	attgctgctc	taaanatntc	300
aatgcttana	acaattagt	ggaacaagcc	aatgagaaga	atctggattc	aaatcaaaaa	360
aagctgggtg	cgggggctna	cacctgnaat	cccaaacttt	tggaaggcca	agccggtgga	420
tgntcagctc	aggagtcaaa	cccccttg				448

<210> 410
 <211> 418
 <212> DNA
 <213> Homo sapiens

<400> 410

aattcggcac	gaggagctgc	ccccatgatt	cagttacctc	ccaccaggtc	cctttcacaa	60
tgcacgga	ttatgagagc	tacaattgaa	gatgagattt	gggtggggac	acaggcaaac	120
catatcagac	cccaagatct	cttttcagct	ctataggctg	atccctgtga	cttgcattct	180
gcagaagaaa	acaatggctt	ttcagtgcct	tttttgtaaa	taatattggc	gcatagtcag	240
agaatatggg	agacagtgtc	tcctttatct	tgaagacata	attgtgggtt	gggtggaaaga	300
gctctggact	aagagacaga	aggcctaggt	tttactttta	gcttcaatac	catgtggcca	360
tgtgaccgga	ggaagggttg	ctcttctgaa	cttcagttcc	tctacctgag	aaacaaga	418

<210> 411

<211> 416

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(416)

<223> n = A,T,C or G

<400> 411

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gtgggtcagc	cttgccctct	ctagaatttc	acagaggggg	agtcctgccc	cgtggagtcc	180
gttgggttga	gcatcttcgg	ctcagcatga	tccttttgag	atgcagggat	gttgggtgtg	240
gtgtatcggg	agtgtcttcc	tttaagaaat	tccttcccg	gagtatttct	tcaagcctgg	300
atttctcatg	aggctccaaa	ctgcagaaga	tgaaaaggga	gggctgnggt	tcctgtgtct	360
canctcctgg	tgngcagtaa	gngctctgta	gatgcttggt	gaatgaatgg	atgggg	416

<210> 412

<211> 461

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(461)

<223> n = A,T,C or G

<400> 412

tttggcncct	tnaatacaag	ctctttgtgn	nnnatncaag	aanccatctg	agttcnaatt	60
cggcgacgag	cagacaccga	gcttcagcaa	gctctctcca	acggatgaag	ccccaccgc	120
ccttcaggat	gccagccttg	gcaacattgt	gagaccctga	ttctacaaaa	agtaaatgag	180
tgtagtgggtg	cacgcctgta	ttcccagcta	cttgggaggc	tgagatggga	agatcacttg	240
agcctgggag	gttgaggctg	cattgagctg	agatcaagcc	acggcactcc	agcctgggag	300
acagagcgaa	accccatctc	aaaaaaaaa	aagaaagtgg	atgcgcgctg	ctcctgccat	360
tggatcatcg	cagcattttt	cttttctctg	atatgcacct	ttttctcatc	gggggggctc	420
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<210> 413

<211> 415

<212> DNA

<213> Homo sapiens

<400> 413

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aaaacatttg	taaaaattag	tctctcagcc	actagtcaca	ttttgagtgc	tcagtagcca	120
tcccttgcaa	gtattaggac	agtatggaac	attcccacca	ctgcagaaa	ttctgtgggtg	180
cagtgtccat	ctagatgatt	ctacaaatgg	aagattttagg	ggaagaggag	aagtaagtag	240
tgaggtgtac	ctaattgctt	ctataagttt	tagtacaaag	aacccttcct	ttaaaatatt	300
gatatttggt	gaaacattca	gatatcacgt	tttaaagtga	tttcatggac	actaatcaac	360

agagcaacaa catagatata tcattgctac aaggatggat caatacttgt ctacc 415

<210> 414

<211> 427

<212> DNA

<213> Homo sapiens

<400> 414

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cgtcttttcc	ttgcagagct	ggggctggg	tgagggtgtg	ggtgtacct	gcactcaaaa	180
tgtaaggatt	ctcagagtca	tacagggtga	cggtcagcac	ctgagagtga	gccacccttt	240
aacattttgc	cttctaggtg	cttcacttgc	cttgcccaag	cactaccct	agattaaata	300
atatgtttct	attagttttt	taaaattata	atattaacaa	taactagcac	ttattgagca	360
ctcccttatg	tgccagcaaa	tgtgacttac	atgtatctgc	ttatttttcc	ttacatgaaa	420
ccctctg						427

<210> 415

<211> 414

<212> DNA

<213> Homo sapiens

<400> 415

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ccgcccgcct	cagcctccca	aatcgctggg	attacaggcg	tgagccaccg	cgcccggcct	120
gtatctgcct	ttttgaccac	accattattc	gtgggattta	acaggagtta	atgagttaat	180
aatgttcctt	ttccaaactc	agtggttttg	attttataaa	ttatttgact	tttcctgatt	240
tcaggatctt	gacaattttg	ctttacttat	tcaaagtgtt	ttataccaaa	tattttattta	300
aaaagttttt	ttttctttga	ttcctcaagt	tgtagagaga	aatagggata	gggaagcaga	360
atcaagtagt	taaaaagata	gcctcatttg	accctgattt	cccaattggg	aata	414

<210> 416

<211> 414

<212> DNA

<213> Homo sapiens

<400> 416

caattcggca	cgagatgagc	ctttactgta	agctacctta	aatctttttt	ggaaagaggt	60
aggatataaa	ttaaaccata	acctcccaa	gatctcagag	tgttgatgga	ctgattacag	120
agacggggag	cagggtatttc	ctcattcatc	actggaggca	gaaaaatcac	ctccaaatat	180
ttgttctctg	atagcagttg	ggaaaagtcc	tccttaaatg	agaggcccac	gaagggatga	240
atagggattt	tggctgacct	ccaaagtga	gctaagataa	tgctgcctt	cccagtatta	300
cttgaggcta	attactcaga	tataattact	tgcactctgt	gtttttgctt	ccaatagggt	360
tgggccttgc	ttttgtttat	cttgtatccc	ccattagact	ttgagctctt	taaa	414

<210> 417

<211> 408

<212> DNA

<213> Homo sapiens

<400> 417

gcaccacgcc	ccactacatt	cgctgcatca	agcccaacag	ccagggccag	gcgcagacct	60
ttctccaaga	ggaggtcctg	agccagctgg	aggcctgtgg	cctcgtggag	accatccata	120
tcagtgtctg	tggcttcccc	atccgggtct	ctcaccgaaa	ctttgtagaa	cgatacaagt	180
tactaagaag	gcttcacctt	tgcacatcct	ctggccccga	cagcccatat	cctgccccaa	240
ggctccctga	atggtgtcca	cacagcgagg	aagccacgct	tgaacctctc	atccaggaca	300
ttctccacac	tctgccggtc	ctaactcagg	cagcagccat	aactggtgac	tcggctgagc	360
catgccagcc	cccatgcact	gtggcaggac	caaggtgttc	atgactga		408

<210> 418
 <211> 379
 <212> DNA
 <213> Homo sapiens

<400> 418
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 caagaaaata gattccagag acaagcaagc atgtgtatat atgtgggaat ttaatatatg 180
 atcaaagaag tatttctgat caaatgtgaa aagatgtatt agtcaataaa tacctaagga 240
 tgactgggta tccaattggg aaaaaaataa atccttacct catatcaaac tcaaaagtaa 300
 attccaggga gattaaagat ctgaagataa aagaccattg aagtgttaga cagaaatgaa 360
 ggaaactatt attataatt 379

<210> 419
 <211> 406
 <212> DNA
 <213> Homo sapiens

<400> 419
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 cagattgggt gtgggaggtg taagagagga gtcctggctt gagtaattta gaaggatgac 120
 atggctattt cctgatgtgg ggaagactgt gggagaaaca cgctggggag gaggaggatc 180
 aggagttgag ttttagaggt attaatgttg agattcctga catatccctg taggcagctg 240
 aatatatgag tctggaaccc aaggaaggac ttagaaggga gacatttttt gtttgggtgat 300
 ttacagttag accttgtcct cacattcaag ttggaccttg tcctcacatc cctgcttcat 360
 acgtagaaaag ttgttgggtc tcttctcttt cccaagaatg agcaat 406

<210> 420
 <211> 384
 <212> DNA
 <213> Homo sapiens

<400> 420
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 ccccatgtgg attgatcggc agtgggaatc agctagggct gctgtaactg agttcgcaga 120
 cccagtggca tagacagcaa agaggtactg ccacgtggct ttggagacca gaagtctgag 180
 aggaagggtg tggcagggct ggttccttct gaggtgcaa tggaaaacct gtcttgccct 240
 ctctcctggc atctgctggt tatctttggg gttccctgta gacagctgcc ccctccctgt 300
 atcttcatgt cgtcttcctt ctctgtgtcc ttctcttcac gtagtctttt taggacgctg 360
 gtcgtgttgc cttagggccc ccat 384

<210> 421
 <211> 409
 <212> DNA
 <213> Homo sapiens

<400> 421
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 attgcttttag atttgcatct catgaaaaac agcagtcttc cctacctacc ttttagtata 120
 ctacctaga ggctgttact ttcagctctt ttagctattt cttctagcat tttcctccat 180
 gtttacaat aatattctta tattgcactc tcattttctt ttccatctat ttcagacata 240
 ctgactttct cccatgcagg gtcacagtgt ggctttctta caccatttgc tgcaacacag 300
 acacttctcc tgctccttcc catgtggttc gtgtgtgtgt gtgtgtaagt gtatgtaaaa 360
 tccaccctta gagggggaat tgctgctggg catggtggct catgcctgg 409

<210> 422
 <211> 407
 <212> DNA

<213> Homo sapiens

<400> 422

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atctttttatt	aatgcatggt	gtgcaataac	aaatcacaaat	aaccagtgtg	tattgagtga	120
tataatataat	tatgctgaag	ttcttttcatt	ccatcatctc	atctattctc	accttaaatgt	180
tgtcttttatt	ttaaagctgc	atctttaaagc	aaaatctgcc	aaagtccacc	catctagtaa	240
atgacagagc	tgggactgga	aaccaggcta	gaatatacctt	gtgtatgaat	cagtaatcat	300
ggtaacaag	agattggtca	gggaaaaatt	ttgggttgga	taggaggaga	gagagtccag	360
tatgtaaaat	gtgattttgc	tattttactt	gaaaattgta	gatttgg		407

<210> 423

<211> 405

<212> DNA

<213> Homo sapiens

<400> 423

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aaacatgtgt	gcaaacatgt	gttaaagact	tgtacacaaa	catgcatagc	agcttttattt	120
ctgatagctc	taaactacaa	acaatccaga	attccaacag	gtacatgggt	aaattttgtt	180
atactcatat	aatgcaatag	tactcataat	gaaaaggaaa	tatcaatata	tttaatgact	240
ctcaaaaagaa	tgaaaatcca	agaaatgtca	agcatgccat	aagacaactg	cactcaaagg	300
aaactcaaag	tgagtgaag	gaaccagaca	atagtaattt	gtccacacta	tatgggtcaa	360
tttcaataaa	actgtaggaa	atgcaattga	atctatagca	acaga		405

<210> 424

<211> 168

<212> DNA

<213> Homo sapiens

<400> 424

aattcggcac	gaggggtgtga	gccaccatgc	ttgaccataa	agccttacta	tttcttttgg	60
agacacagtc	ttgctctgtc	caagctgaga	tgggaggatc	acttgacct	ggagttcaag	120
tcaagcctgg	gcaacatggc	aggaccctat	ctttaaaaaa	aaaaaaa		168

<210> 425

<211> 388

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(388)

<223> n = A,T,C or G

<400> 425

aattctgcac	gagagatcct	tcatacctcct	ggaagagcct	tttgccatgc	aagacaacat	60
agccacaggt	ggggattagg	accaggacat	ctttgggggtg	ctgttattct	gcctaccaca	120
ccttcctgcc	actgactccc	acaggagagg	ctacaaaatg	atctggcgca	cagggatgtt	180
ttgttttagct	tgcggactct	aacacttaaa	aaaaacccca	gatcagaaga	tctggccatg	240
ctggggctca	cattctcacc	tagcaacaac	tggctggagc	tgggcaccag	ctctgccttt	300
anaaggggtg	tccacttcac	caggtcacca	cagccacac	tacgccctat	cacttcccac	360
aatgaggctg	agtgtttgtt	tctactga				388

<210> 426

<211> 420

<212> DNA

<213> Homo sapiens


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<220>
<221> misc_feature
<222> (1)...(420)
<223> n = A,T,C or G

<400> 426
aattcggcac gaggggttaag ggagagaaga ggatgaatag gtaatgcaca gaggattttt      60
gaggcagtga attaaaagaa aaaaaactcg atccctgtcc ttacggatct ctgggtctagt      120
cggagtcagc aggcacacag aggcctgctg agatggagaa tcgatgctca gattcttctt      180
ctgtatccag aagaagccag aggaggggtac tgcctggccc tgggaggctt cactagaggt      240
tttcgagagg aagatgcacc gtctaagggtg tgacgggaaa gggccagaaa gagaatgagg      300
gaagaacatt ccaagccaca gaaatggcac atggaagaaa gcagagatga gaggagaaac      360
catctgtgac ttaagtggct cancagactg gagagagtgc ggcaattgag ttgaacacag      420

<210> 427
<211> 400
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(400)
<223> n = A,T,C or G

<400> 427
aattcggcac gagtgtttcc cctgatagcc tctgagtttc ttccggataa cactgcatca      60
acaatgctac tgagcaccaa ctgagggcag gatgcagaat gctggatggg gtaggaaata      120
taacagttaa gaccagggtt gggattatag gcgtaagcca ctgcacctgg cccaaaatgt      180
tattttaaat tcttcacaat tacatttttt catttaaggg agggcaattt aaagagcaaa      240
tcatttgaaa gcttggatgc tncanangcg tattctgntc attttatggn ccattatgag      300
aaccaganag cttatcagcc tagtttgtaa gcangtttat gagnctgggg nttttaagct      360
cttcaaaaaa tgtttagngg atggtaaata ccttaagaaa      400

<210> 428
<211> 420
<212> DNA
<213> Homo sapiens

<400> 428
aattcggcac gaggtgcctc taggggggtgc ataaatgcat atatatgtgc acatacacac      60
gtgcatgcat actcatgcgt acatatacac agccccccac cttgcctttt acagagccat      120
gaagcagcag atgcaaccga atactgtgca gcatgagcca cagacgttta cgggaagaac      180
cggcaggagg cgccgggaaa cttaaagggtt ccagctctct gagtgggtggc tttgccattg      240
tggtctgtcg agctcagcct cctggaaacc cgccctgagc ttggttaaca agcattcact      300
ccaggtttta cccagctcca ggttatcgca ggcaggactc ccgagaacag gttcatgttt      360
gctttttggg aagtgtgtcg ctaaaatgga aaacaccctg ggccgagtgg gacctcccag      420

<210> 429
<211> 413
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(413)
<223> n = A,T,C or G

<400> 429
tatacgctgc gcttttcgggt cccgcgcccc tcagatgggt tccaaggcaa agaagcgcgt      60

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gctgctgccc	acccgcccag	cgccccccac	ggtggagcaa	atcctggagg	atgtgcgggg	120
tgctgcccgc	agaggatcca	gtgttcacca	tcctggcccc	ggaaggtagg	gggagcccgg	180
tcccggtgaa	aagcggacct	gagaccccgg	cagcaagggg	acgggagaga	agcacacccc	240
taactcctga	ccccacgccc	tggtaacccc	cgcaacatgg	gcacggttcg	tatcctctcc	300
gagtctccct	ctactcctcc	gtagagtgag	accgattttc	agagggttct	tctgacatgt	360
gtggaagccg	ggcgctgtgg	ttcangcctg	taagcccanc	acttttcnga	agg	413

<210> 430

<211> 434

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(434)

<223> n = A,T,C or G

<400> 430

gccgcgatca	caccactgca	tgccagcctg	ggcgacagag	tgagaccctg	tctcagaaaa	60
gaaaaaaaaa	gtaaaaattg	catgtaagtt	gacccgcact	attcaaattt	gtggtgttca	120
aggttcaact	gtaatttcct	agcagcattt	tgtgtgtttg	agaatctctt	gacactcttc	180
aagtaaatcc	ctaaattaca	actttgacat	caaaaaagct	agacattcct	acatttttgc	240
actacaatac	ataaaaaactc	ccatgctgat	cggttgtggg	atcgtgcctg	tgaataacca	300
ctgcactcca	gcctgggcaa	catagtaagt	aagaccttgt	ctcttaaaaa	aaatacattc	360
tgaagaaagt	tctacttatg	aatacatttt	atttataaca	aactggngaa	aatttttagac	420
caaaccatgt	cttt					434

<210> 431

<211> 413

<212> DNA

<213> Homo sapiens

<400> 431

aattcggcac	gagagcacag	gtacatcagc	tgctaacgcc	tgcaagtgcc	atctcaaaca	60
aagaggcaag	cagtggctct	gggccaaaat	ctatgcaaga	tggctggtgt	ggtgatgata	120
tgccattgcc	tggaaatcgc	cccactggct	gggaagagga	agaggatgtg	gagattggaa	180
tgtggaatag	taattcatct	caagagctta	actcatcttt	aaattggcca	ccatatacaa	240
agaaaatgtc	atcgaagggt	ctgagtggca	aaaaaaagga	gaagggaagg	gtgtgtagcc	300
tttttactct	ttctcctttg	tttctactag	taaaaatctt	tagaaagcaa	ctgcaaacat	360
ttatttaacc	tctgctgtgt	gccaggtact	gtgcttggtg	ctggggattc	aaa	413

<210> 432

<211> 423

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(423)

<223> n = A,T,C or G

<400> 432

aattcggcac	gaggagcatt	gtaatgaagt	gtggttctgt	aaattctcta	atgatggcac	60
taaactagca	acaggatcaa	aagatacaac	agttatcata	tggcaagttg	atccggtatg	120
tacccaata	tgagtgttta	tattacaaaa	ggggataatt	ttgaatctaa	ttcattgatt	180
acatatTTTT	aagtatatat	gtatcaatag	tattcttttc	taagagcatt	ttttatcatt	240
tttacatctt	catgtgttgt	atagataata	tatgtaagtt	aatattatca	acattgttga	300
gtgtttatgt	gctaacaata	atgttaaate	tgtgtatgca	ttatctaatt	taatattctg	360
aaaaactctg	tgaggngcta	acatctcctg	cagtcagatg	aagaaactga	ggnagaaatt	420

aaa

423

<210> 433

<211> 398

<212> DNA

<213> Homo sapiens

<400> 433

agtttgata	aggcttagca	cttccttgat	ttcatgcgct	cactagggat	ctgggaaagt	60
attcctcttg	cataagggga	gactactgta	tgctgcttcc	caaattctgc	tgtatgggct	120
tcccaaaatt	caagctgtgt	ctcaagtcag	tgaaaatccc	aggctctgat	tagtctcttg	180
ctccttgggt	tgcagtctgg	gaattccctt	taagcagtaa	ccctggccat	ggtaggactc	240
acctccatt	gtagcctccc	aggtggctgt	gattacaggc	gtgagccact	gcactcagca	300
ggaaagcatt	gcattttgta	caatgcttta	ctagtaagaa	gtaatcagta	agtgataagg	360
tattgtaacc	tgtggtctgg	actcacctga	cagggtga			398

<210> 434

<211> 425

<212> DNA

<213> Homo sapiens

<400> 434

tgcccagcta	attaaaaaaa	aaattttttt	gtagcagttc	ggctctcatta	gtattgcccc	60
ggctggcctc	tcttagcttc	aagctatcct	ccgcctcgg	cctcccaaag	tgctggaatt	120
acaggcataa	gccacaagcc	actgggcccc	gcctctttta	cctgtttcaa	aattgagttt	180
tattgagttg	taagagttct	ttattcattt	taaacacaag	tcctttgttg	gatatactct	240
ttacatctat	ttttcccagt	ctgtggcttg	ccttttcatt	ttgaagagca	aaagttttaa	300
attttgtgaa	tttattaaag	ctccgtttgt	tgcttttttc	tgttctagtt	tatacttttg	360
tatcatattt	taggaaattt	tgcactgggt	atgtgatggc	tcctgaggag	gttcaacttt	420
cagag						425

<210> 435

<211> 386

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(386)

<223> n = A,T,C or G

<400> 435

aattcggcac	gagagttcct	gccgctaaga	tttccagggt	tattgtttct	agctggtaat	60
ccccaggggg	ccccaaatcc	tgaaatgctt	tgccccctgg	gattgcacaa	ccccccaaat	120
ggaaaggcag	ccaggaagac	atgtctgggc	aggctaagaa	ccctctatcc	ggagggagag	180
ggcaaatggg	ggcggacacc	aatctcacca	cttttgtctc	cttagtcacc	atccagggga	240
gactccacct	ctcatcacc	caggtaagat	ggggcaacat	ggggctcagg	ggaacacgga	300
antggtgtgt	gtgtgtgtgt	gtgtatgtgt	gtttgcacac	tggaaagaaa	agaactnaat	360
tcaccctcca	aacggcccca	tcacct				386

<210> 436

<211> 411

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(411)

<223> n = A,T,C or G

```

<400> 436
ataaattagc tgacgtggtg ggcacacctg taatcctagc tactcaggaa gttgaggcgg      60
gggcatcact tcaaccagg agttcactgc tttagttagc tatgaccata ccactgtact      120
ccagcctggg tgacagagca agacctcatc tctctctctc tttttttttt tttnaaacnn      180
agtttcccn tgtcccccag gttaaagngc agggaccan tntaagntna nngnaantcn      240
ngcntaancc tcttttaaan nnggaatnac ngggngngnc ccccnccccg ggcnaatttt      300
ttanttttna taangnggn angnggggct aaaaggccng acctngnant tngccngcct      360
ngncnccca angggccggg nttaaaggca ggagccccgc ccctaccaa a      411

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<210> 437
<211> 471
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(471)
<223> n = A,T,C or G

```

```

<400> 437
actccttnna caagccactt gctctctntg cnggatccca tcnntcnaa ttcggcacga      60
ggtgacatgc tgtattggct actccataaa gtaggagat agatggaatg gagaaagaag      120
caacctctga gattccagtg gtgtgtgggg gcaagatctg atggaaactg acaaagagaa      180
cgaagactac acaaagagaa aggaaagaga agaaacccta aatgggcaaa ggaaagcaca      240
tctgttttgc ggagctttga aatattggaa ccatttctaa ttgctcctgt ttttctgggt      300
aacaccagtt ttctgtagtt gccactaaag cagtagactc ttgagtctca cttgtctctg      360
agagagacag aagttagaaa gttttgactt ggcgattccg aaagtatgcc tttgttgga      420
cttaaagtgc cagttagact tcttggcacc ttagagccct ctgagatctg g      471

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<210> 438
<211> 418
<212> DNA
<213> Homo sapiens

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```

<400> 438
aattcggcac gaggtccttt ctaccagat tacctcattt aattatcata gcaaccatat      60
gaggtgcagg tcattactat tttcctcatt ctataattga ggtaactgag gcacagagag      120
atttaaaaaac ttgttccaaa tcacacagct agaaagttag gtaaaccagg atagtttgat      180
tctagagctt aacttcctag ctaagacatg tgaagtcaag tttctatgca tcttttgagg      240
gggtgtgtat ttattttcag gtctcctact tgatctcact gtatgcatta cagaaatttc      300
ttgttttatt atttgtttat tttgagatag ggtctcactc tgttgcccag gctggagtgc      360
agaggctcga tctcttagct cattgcaact tccaccttct gggctgaaat gatcctcc      418

```

```

<210> 439
<211> 399
<212> DNA
<213> Homo sapiens

```

```

<400> 439
ccatggggaa ttggttccag gatcctccac tgatggtaaa atctgaggat gctcaagtcc      60
cttgataaaa atggcatagt atgtatttgc atattaccta ctacatctt cctgtatact      120
ttaaattatc tttagatcac ttatacctaa cacaatgtaa atactatgta aatagttggt      180
atactgtatt tttcaatttg cattattttt attgtatttt atttttattg tttttttttt      240
gagtattttc tatttgagat tgggtggaatc tgcacatatg agggctggct ataaagggca      300
ccacaaggaa gaagccaaac agaccagaa tgtgtgaaat tctacagagc aaattacctg      360
atttcttcaa ctaacaggta gcatgaaaaa caaggggaa      399

```

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<210> 440
<211> 409

```

<212> DNA
 <213> Homo sapiens

<400> 440
 aattcggcac gagacgacat ctttaagaac tgtaacactc accgcagagt ccacggcttc 60
 attcctgaag tcagtgaag caagaaccca ctggaaggaa ccaattgcgg acacaaaagc 120
 agaagtaagc actccatttc aaccacatgt ggctttctct tcctactgca atttaagcta 180
 aaatatgttg aagctgcttt acctcatttt ttatattcag cgaactttgt cggcatagtt 240
 cataccctag cttcctgaag gcctagttat tgcctatctt tgctttgatg ttgccatttt 300
 caaatcttct catcacacca atttcaattt tctgcattac cacttttcat ttctttgctg 360
 cctttcagat ttggtggaaa cttttatatg aatttatcac tggggacga 409

<210> 441
 <211> 394
 <212> DNA
 <213> Homo sapiens

<400> 441
 ttttgggtgct aggcctttggg acgagattct ggggcgtaga tcttgggatc ctccttctat 60
 agcctgtttt tcaatgggga tgtttgtctt ttccttaatg atctataaaa ggtgttcata 120
 tattagtaca aacaatttca cccacacttt attacgcttt tggggagaaa gggcaagaaa 180
 gtgttgcag cccattttat tgactaatcc attctttccc cacttatttg agatgccagc 240
 tttatcatat actaaagtat tttatatgta tggatatgtt tggggatttt tgaatttagt 300
 tctgtttcag gaatcttttg gttccagttc tagccactgc actccagcct aggtgacaga 360
 gtgagacccc atctcaaaaa gaagagagag agaa 394

<210> 442
 <211> 416
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(416)
 <223> n = A,T,C or G

<400> 442
 cctcatgtg acagaacata ataagtagtg tatgtaggtc attgggctgc agtggtccat 60
 gcagtcattc agagaccag gctgacaggg gctctgccgt ctttaacatg tgactttcta 120
 ggtcagtcag ctggctcattg cttttccaca cagcagataa gacaaaggag tggaaataga 180
 ggggtagaga ttttctctta aacgtgtgag gctggagtgg tatgcttcat tggcaagaac 240
 ctggtcctag cctgcctagc tgaaaggagg ggagtcaggg agatgcactt tgcagccaaa 300
 attctgttgc caagaagggg aaagnagatt tgggtggatt ttgatctgng gttgctgctg 360
 tgtactctat aattcaccat gtctctggag ggtaactat gttgtaccaa ttgatc 416

<210> 443
 <211> 410
 <212> DNA
 <213> Homo sapiens

<400> 443
 gtaaaatttg cctatataat ttcttgata cacctatttt cggtatcaag gctatactag 60
 caatgttttc tttttttgct ctgtggaaac aaattgcacc tggtgagggt ttggtgaact 120
 tgacacaaaa accatcttat ctttctatgt tttcatgggg aaattttgta ctagtgtttt 180
 aataattata agtcttacat gttctctaatt tcttcttgaa tctgtttaat ttttctccct 240
 tgggaattgt taagtgtaca tgtattgtga taactgctat aattttgctt ttattgattt 300
 tttttgcttt atatctgcta caatttggtt cctccaaatc ccatgttgaa atctgatccc 360
 cagtgttgct gggggatcta ataacagggt tttgggtcat ggggaacaggc 410

<210> 444
 <211> 419
 <212> DNA
 <213> Homo sapiens

<400> 444
 aattcggcac gagagaagcc agatgcaagg gaataaatatc tgtttgatcc tgtttatgtg 60
 aaattttata atgtgaaagg caaaactaac ctatgctgat ggagtaagtg gttgcctaca 120
 ggggtgaggc ttgattggaa aggtgctcta gggaaatttc caggatgata cccccctttt 180
 tttttcccaa gacagggtct cactctgtca cccaggctgg agtgtagtgg tacaatcctg 240
 gctcactaca gcctcgaccc aggttcaagc aatcctctca tctcaacctc ctgggtacct 300
 gggactacag gtacaagccc cacacctggc taatcttttt atgaaaattt ttttgtagag 360
 atgaaatctc actatattgc cagctggcac aaactcctgg gctcaagtga tcctcctgc 419

<210> 445
 <211> 411
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(411)
 <223> n = A,T,C or G

<400> 445
 aattcggcac gaggcggaaa ctgcatcctg gcagcgtctg ggactcctct ctgccaggat 60
 gacccatgac gctatgacaa gagtactttt cctgggnagg ggcccttncat cntgtnggct 120
 ccccnttaat gncngnntga tctttaantg aacatgggtct tgccatcacn taantgncn 180
 cacntgccct tcaggcagat gggatcatta aagnaccctn aacattgcct gngcttggtg 240
 acctggancc tgaacgggaa cgcgnaatca ccattgcnat ttcttgtgaa atttctntacc 300
 anaggacta tgtgctatna tttntnccca ngaccagaaa ctttntnaaa ncatgatata 360
 gggacatctt angctgctgg cctgcctaan gttcttgctg gngttngtga a 411

<210> 446
 <211> 418
 <212> DNA
 <213> Homo sapiens

<400> 446
 cggcgggaga gtaaagggtg ttactatcgt taaaccaata gtttacggta atgttgctcg 60
 gtatttttga aagaaaagag aagaagatgg gcacactcat cagtggacag tatatgtgaa 120
 accatataga aatgaggata tgtcagcata tgtgaagaaa atccagttaa aattacatga 180
 aagctatggc aatcctttta gagttgttac taaacctcca tatgaaatta ctgaaacagg 240
 atggggtgaa ttcgaaataa tcatcaaaat atttttcatt gaccctaata aaagacctgt 300
 aaccctgtat catttgctaa agctgtttca atcagacacc aatgcaatgc tggggaaaaa 360
 gacagtgggt tcagagttct atgatgaaat gatatttcaa gaccacacag aatgatgc 418

<210> 447
 <211> 419
 <212> DNA
 <213> Homo sapiens

<400> 447
 aattcggcac gagcaagagc aagcccatga tgatgccatt tggtcagttg cttggggggac 60
 aaacaagaag gaaaactctg agacagtggg cacaggctcc ctatagacc tgggtgaagg 120
 ctggaaatgg cgtgatgaga ggctggacct acagtggagt ctggaggggac atcagctggg 180
 agtgggtgtc gtggacatca gccacacctt gccattgct gcacccagct ctcttgatgc 240
 tcatattcgt ctttgggact tggaaaatgg caaacagata aagtccatag atgcaggacc 300
 tgtggatgcc tggacttttg ccttttctcc tgattcccag tatctggcca caggaaactca 360

tgtcgggaaa gtgaacattt ttggtgtgga aagtgggaaa aaggaatatt cttttggac 419

<210> 448

<211> 391

<212> DNA

<213> Homo sapiens

<400> 448

aattcggcac	gaggtggaat	cagctgtgaa	tgcagaaaaga	ggaggtgctg	atcggattga	60
attatgttct	ggtttatcag	aggggggaac	tacaccacagc	atgggtgtcc	ttcaagtagt	120
gaagcagagt	gttcagatcc	cagtttttgt	gatgattcgg	ccacggggag	gtgatttttt	180
gtattcagat	cgtgaaattg	aggtgatgaa	ggctgacatt	cgtcttgcca	agctttatgg	240
tgctgatggg	ttggtttttg	gggcattgac	tgaagatgga	cacattgaca	aagagctgtg	300
tatgtccctt	atggctattt	gccgccctct	gccagtcact	ttccaccgag	cctttgacat	360
ggttcatgat	ccaatggcag	ctctggagac	c			391

<210> 449

<211> 420

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (420)

<223> n = A,T,C or G

<400> 449

aattcggcac	gagcctagtc	ttaaactttt	ttttttttta	actttttaan	cggangtnaa	60
aancnnnanc	nnagacntan	tangcnnggg	cnnncncggg	gtnaaaaaa	nngggtttac	120
cntggccacc	ttcncngttn	gttnnnntgg	anggttttca	ggagcanaan	cacctnnga	180
gcctcctttt	cntgtgangg	cagggcctgt	ttttaaanac	ctcctgaagg	atctggntga	240
ggcnntttta	aagtnnactt	ttttaaaaaa	aantnaaaga	agggggacnn	tcaaatnctn	300
gatnaaaaaac	tngttnccgg	ccggncgctg	gnctcanncn	nntaatccca	gnnttttgga	360
aggcccaggc	aggngtatcg	cntnnggnca	gnattctaan	acnancnngg	ccccaatggg	420

<210> 450

<211> 411

<212> DNA

<213> Homo sapiens

<400> 450

aattcggcac	gaggccgcct	cctgccaaagg	aaacagtaat	ccatgtaaaa	gctcattttg	60
actatgaccc	ctcagatgac	ccttatgttc	catgtcgaga	gttaggtctg	tcttttcaaa	120
aaggtgatat	acttcatgtg	atcagtcaag	aagatccaaa	ctggtggcag	gcctacaggg	180
aaggggacga	agataatcaa	cctctagccg	ggcttggtcc	agggaaaagc	tttcagcagc	240
aaagggaaagc	catgaaacaa	accatagaag	aagataagga	gccagaaaaa	tcaggaaaaac	300
tgtggtgtgc	aaagaagaat	aaaaagaaga	ggaaaaaggt	tttatataat	gccataaaaa	360
atgatgatta	tgacaacgag	atcttaacct	atgaggaaat	gtcactttat	c	411

<210> 451

<211> 403

<212> DNA

<213> Homo sapiens

<400> 451

gagagacttc	ttcctgcac	cttacatggt	ggaagacaaa	agagtggcag	agaatgaata	60
tactcccagt	ccattcgaga	gggaagagcc	ctcacctcat	cacttccttg	aggcctcacc	120
ttctaatact	atcaccttgg	tgataagatt	tcaacatagg	aattagaggg	gaatacatac	180
atccagacta	ttgcagatgg	gattatgtaa	tactttgttc	ctgtttggct	tattttcttag	240

cacaatatct	ttctggtatg	tgcattgtttc	tgcaaatggc	aagattttct	tcctttttta	300
ggctgagtaa	taattcattg	catgtataga	ccacattttc	tttatgcatt	cattattagt	360
gagagttctt	attacaaatg	ggcgaagtgg	tttttaatat	tga		403

<210> 452
 <211> 408
 <212> DNA
 <213> Homo sapiens

<400> 452						
tttagtaata	agactttcag	tattttttaat	gttgacattt	ccagatgttt	catttagtat	60
ccaggggtct	gtctggagac	ttctagagag	ggacagctca	gaagtgagac	ccttgagctc	120
tggtgctgta	agcttgtgca	attaagttga	acagagcctg	ggaatttctt	tcctctgcac	180
agtccttga	tatttggaat	ccaggttctg	cccccaacc	ctaccacacc	agtggctctg	240
taagatgtct	cagatggggc	tgggcttgg	ggctcatgcc	tgtactctca	acactttggg	300
aagcaaaggc	aggcagatca	caaggtcagg	agttcagcct	aaccaacatg	gtgaaaccgt	360
gtctctacta	aaaatacaaa	aattagccag	gcgtgggtgg	gcacacct		408

<210> 453
 <211> 427
 <212> DNA
 <213> Homo sapiens

<400> 453						
gaaaaacatc	acagactttg	aattctatag	ccagagaaaa	tatccttcaa	aatgaaggt	60
aatgtgaaga	tttccagtca	tacagaaaac	ttgaaagaac	cccgcctcct	tagacctacc	120
caacaagaaa	tgtgaaggga	agttcttcgg	gtggaaagac	aggccaggtg	aagataagaa	180
tccacataaa	agaatgaaga	tccggaaatg	gggatctaag	tgaccttggc	acaaactaac	240
aatatctttt	aagatgaaca	aaaaagacta	ctcatctgag	actcaggcca	tggacactca	300
agtgaagtgc	ctataacact	tcacagaaca	tacaatcaga	catcagggaac	tggatcatga	360
ggctttttta	tagttctaaa	ctaaatacta	catagaactt	tgtgactgcc	tgttattagc	420
tttagaa						427

<210> 454
 <211> 417
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(417)
 <223> n = A,T,C or G

<400> 454						
aattcggcac	gagtgacaac	ttattccctg	ctattatcaa	ctaaagatca	ccctttctac	60
tgctgtctct	ggagcaggag	ctggcaaaact	atggcctgct	gtctgttttt	gtacagtttt	120
actgaaacac	agccatgccc	atttgcgtaa	ttgccccata	tggttgcttt	catgccctca	180
cagcaaaggc	gagtagttgt	gatggatcaa	atggcccaca	aagcctgaaa	tatttactct	240
ttgacccttt	acagaaaaaa	accttggtga	cccctgcttt	agagaatgag	aagccatgca	300
gggatcagtg	atgccagagg	aagggaagga	actgcttnca	gctattgnga	caataataat	360
aataataata	ttgggctttg	actagaacgn	gnaacatttn	cagggggtct	cacttgt	417

<210> 455
 <211> 393
 <212> DNA
 <213> Homo sapiens

<400> 455						
ggcgggcaga	catgcctgga	gtgcagcttc	gagatcccag	acttccttaa	tcatttcctt	60

acttacgtac	actgctctct	gtgtcgctat	agcacctgct	gttctcgagc	ttatgccaac	120
cacatgatca	acaatcatgt	tccacggaag	agccccaagt	atttggtttt	gtttaaaaat	180
tctgtgagtg	gaatcaagct	ggcctgcact	tcatgtacct	ttgttacctc	tgtgggcat	240
gctatggcca	agcatttggg	attcaacccc	tctcacagat	ccagcagcat	cctgccacgg	300
ggactcactt	ggatagctca	ctcaaggcat	ggccagactc	gtgaccgagt	gcatgaccgg	360
aacgtgaaga	atatgtaccc	tcctccttcc	ttc			393

<210> 456
 <211> 392
 <212> DNA
 <213> Homo sapiens

<400> 456						
ggtactttcca	agtacatata	aaacaattag	ccaatctgat	gggtgagaga	gactgcaata	60
caataataga	ggactttgtc	actccactct	tagtaatgga	cagattatcc	aggcagcaaa	120
tcaacaaaga	gacatcagaa	ttaaactaca	cagtagatac	ggaaatcctt	gaaaaaaata	180
ctagcaagct	gaattcaaca	acatattaaa	aagatcagcc	accacgatca	agtagattac	240
tcctgaggag	gcaaggatgg	ttcgatatac	acaaataaag	aaatgtgata	catcacatta	300
acataaccaa	gaacaaaagc	catatggttg	gccaggtgca	gtgggtcatg	cctgtaatcc	360
caacactttg	ggaggccgag	gcgggtggat	ca			392

<210> 457
 <211> 378
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(378)
 <223> n = A,T,C or G

<400> 457						
gagactagtc	tggccaacat	ggtgaaaccc	catcgctact	aaaaatataa	aaaattagct	60
gggcatgggtg	gcgcacgcct	gtagtccag	ctactcagga	ggctgaggca	ggagaatcgc	120
ttgaacccgg	gaggtggagg	ttgcagtgag	ctgagatcgc	accattgcac	tccagcctgg	180
gcaacaagag	cgaactctg	tctcaaaaaa	aaaaaaanng	gggggggnnt	nanttgnngn	240
nagggttnga	aancaccnng	nccaannngg	gnaaccntn	tntttantaa	aantntaaan	300
ttaccagggc	ttggtanccc	ncccntgnaa	nccnntnttt	tnggnnggnt	gnngcngnaa	360
aatcnntaaa	nccngggg					378

<210> 458
 <211> 418
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(418)
 <223> n = A,T,C or G

<400> 458						
caacaacgag	tggacgctgg	acaagctccg	gcagcggttc	accaagaacg	cgcaggacaa	60
gctggagctg	cacctgttca	tgctcagtg	catccctgac	actgtgtttg	acctgggtgga	120
gctggagggtc	ctcaagctgg	agctgatccc	cgacgtgacc	atcccgccca	ttattgtcat	180
tgtcccanan	annnnanntn	agaggetttn	tantnaagct	nctngaantn	aacnccccca	240
natctcntca	tgnntttgat	cctgttnnng	annagtatat	nnnttntcnc	taatacggnc	300
ncnccntgat	ntntaactat	tcnctacant	tttgnagatg	agncngacta	tctacntga	360
annangaana	atnncnggat	catcttnctn	ntctngntnn	nnnnacnnaa	tacctcaa	418

<210> 459
 <211> 403
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(403)
 <223> n = A,T,C or G

<400> 459
 aattcggcac gagaagcact ctatcagatc cttgggatgc aaaggtaaatt aagacaaatc 60
 cctttttaccc aaagagctca ccatcaagtt gggggaggga aagtggaatt caaaacatgt 120
 taataaatca tcatagtact gtgagataag tgcaattaaag aagctagtta taaagtatag 180
 gggaaataga ggagtaatca tgtctgaaaa gtcaggaaaag tcttcctaga ggtaattttt 240
 aagctgattg ttttagaatt agtagaagct tgccagatgg aaaagtccag gcaaagtgtg 300
 acatgaatgg gaaaggccac agtctagaaa tggcagagtg tgttcctagt tgtttgtttg 360
 ttgttggtacc tgcttggtcc aggaaggatt taatgngggt att 403

<210> 460
 <211> 409
 <212> DNA
 <213> Homo sapiens

<400> 460
 aattcggcac gaggaaaaag ctttgaagag aaaatggagg aagcagaaac cagaaacttt 60
 aaatcttgag aaaagaagat tgtctatcat gaaggagatt ctttctgac aataccagat 120
 gcaagatgtg ttggagaaat ctgatcatct aatagctgca gcaaaagagc tgtttcctcg 180
 taggcgcaca gggtttccaa atgtaacagt ggctcctgat tcctctcagg gtcccattgt 240
 ggtaaatcaa gaccctatca cccaatctat ctttaatgag tctgtcatag aacctcaggc 300
 tcttaatgat gtagatggtg aagaagaagg aactgttaat agccagtcag gagaaagtga 360
 gaatgagaat gagttggata actctctaaa ctctcagctc aacacgaat 409

<210> 461
 <211> 397
 <212> DNA
 <213> Homo sapiens

<400> 461
 ctgcacgaa agccgcccgtg ggcgaatgaa ggtgaatgcc ggcgcgctcg ccggccgagg 60
 tgggacagat tcataacaca gtgttctttg tggcagtgaa aaacttaatt ttcaaccttc 120
 tgatggagtg ttggtgttaa acctataatg aagtgtttcg taattgaaaa ttttccagtt 180
 atatcagaaa gcttagtttt cttttttctt cttgggtgaag tgttttgcag gatctgtagc 240
 ttttggtttt gcatattagc gtattttata cattttggtt ggccaggaga attttgtcat 300
 gtgggtttta cctgatgatt ttgtagatct aaatgtgaca acatcgatct tagctgtttc 360
 ttctttggct catttttccc actcagtggt tattata 397

<210> 462
 <211> 411
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(411)
 <223> n = A,T,C or G

<400> 462
 caccagcta tttttatttt ttggatgggg tctcactatg ttgccctggg tggtcttgaa 60

ctcctgagct	caaggaatct	tcccaccacg	gcctcccaaa	gtgctgggat	tacagccctg	120
agcctggcct	cactgtggtc	tgttttgaga	agcctttgtt	tttaaacaga	accacatgtt	180
ggtattttcag	agccaactct	tctgtcaaga	atccaaatca	gccaggcacg	gtggcatgcc	240
tgtgtagtcc	cagcaattcc	agaggctgag	acagaaggat	catatgagcc	caggagtttg	300
agatcagact	gggcaacata	gtgagactcc	atttctttag	aacaatacta	atcacatgag	360
ggtggtaggc	cattgcctgg	gctggacagg	tgagtagagg	gcangtgtgc	a	411

<210> 463
 <211> 402
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(402)
 <223> n = A,T,C or G

<400> 463						
aattcggcac	gagcctatct	caaaaaaaga	aaaaaaaaaa	cggcaaataga	tctgggtatt	60
tctcaaaaga	agacacacaa	atggccaaca	aatacattaa	aaaatgctca	acctcactaa	120
tcatacagga	aattcacatc	aaaatggcaa	tgaggtatca	tctcacccca	gttgggatgg	180
ctattatcta	aaagataaaa	aaaaaaanca	attgntggca	aaaatgcaaa	aaagggngaa	240
ctntntnncn	ctggttagggg	ggangtancc	tagtcaatcc	ctntagaaaa	cagganggaa	300
gencctcaaa	aanctccaaa	tanaactacc	ttntgatccn	ccangcccnc	tnntgggaat	360
ttnttcaaag	gaaaggaaat	tnctttgaaa	anacntctgc	cc		402

<210> 464
 <211> 400
 <212> DNA
 <213> Homo sapiens

<400> 464						
ctcgacagaa	agccgcccgtg	gcgcaatgaa	ggtgaaggcc	ggcgcgctcg	ccggccgagg	60
tgggacagat	tcataacaca	gtgttctttg	tggcagttaa	aaacttaatt	ttcaaccttc	120
tgatggagtg	ttgggtgttaa	acctataatg	aagtgtttcg	taattgaaaa	ttttccagtt	180
atatcagaaa	gcttagtttt	cttttttctt	cttgggtgaag	tgttttgcag	gatctgtagc	240
ttttgggttt	gcatattagc	gtattttata	cattttgttt	ggccaggaga	atthttgtcat	300
gtgggtttta	cctgatgatt	ttgtagatct	aaatgtgaca	acatcgatct	tagctgtttc	360
ttctttggct	cattttttccc	actcagtggg	tattataaca			400

<210> 465
 <211> 411
 <212> DNA
 <213> Homo sapiens

<400> 465						
ctgaagcggc	gcatacggaa	aggacgcatg	gaatacctcg	tgaaatggaa	gggatggctg	60
cagaagtaca	gcacatggga	accggaggaa	aacatcctgg	atgctcgctt	gctcgagccc	120
tttgaggaaa	gggaaagaga	gatggagctc	tatggcccca	aaaagcgtgg	acccaagccc	180
aaaaccttcc	tcctcaaagc	gcaggccaag	gcaaaggcca	aaacttacga	gtttcgaagt	240
gactcagcca	ggggcatccg	gatccccctac	cctggccgct	cgccccagga	cctggcctcc	300
acttcccggg	cccgggaggg	ccttcgaaac	atgggtttgt	ccccgccagc	gagcagcacc	360
agcaccagca	gcacctgccg	cgcagaggcc	cctcgggacc	ggaccgagaa	t	411

<210> 466
 <211> 413
 <212> DNA
 <213> Homo sapiens

<400> 466
gagacacccat ctccagattc ccattccactt cctcaccgcc gtgaacttgg agcatccaga 60
gatgctggag aaagcgtccc gggagctgtg gatgcgcgtc tgggtcaagg tgagtgtggg 120
gctctgggaa tcctctggga ggaccttgga tgactttctg accttcccca ggcacgtttt 180
caggggtcatg atcctgcccc cgcccggggg atctactgtc ctcccagtc caccctctc 240
cccgcaccgc ctctctgctg tcttctcttc ttcccagaat gaagacatca ccgagccgca 300
gagcatcctg gcggctgcag agaaggctgg tatgtctgca gaacaagccc agggacttct 360
ggaaaagatc gcaacgccc aaggtgaagaa ccagctcaag gagaccactg agg 413

<210> 467
<211> 422
<212> DNA
<213> Homo sapiens

<400> 467
aagaaaccct gaaggtcggg cctcaagtag gtctctttct agatgcagtc gtttttggag 60
gagaagactt tcgagccagc ataggtgcaa caagtagtaa agaaaccctg gatattctct 120
acgcccggca aaagattggt gtcatacgca aagcctttgg tctccaagcc gtagatctgg 180
tgtacattga ctttcgagat ggagctgggc tgcttagaca gtcacgagaa ggagccgcca 240
tgggcttcac tggttaagcag gtgattcacc ctaaccaa tgcctgtggtc caggagcagt 300
tttctccttc ccctgaaaaa attaatgtgg ctgaagaact gattgctgcc tttaaagaac 360
atcaacaatt aggaaagggg gcctttactt tccaaggag tatgatcgac atgccattac 420
tg 422

<210> 468
<211> 407
<212> DNA
<213> Homo sapiens

<400> 468
aattcggcac gagctcagat ttttaaattg tctctacaac aaattgtcac ttgttgggtt 60
caattaagtg ctcatgtgat aagtgcacat ggtacaaatc aacaccagct tataggattg 120
tggaagaat taagagatga atttagtgat cttatatacc ctgtcagttg gtcattattg 180
ggaagagctc taaaaaactt actgtactgt taactccaag attttcttcc aataacaggg 240
atgctagcca gatatttaaat aatcaaagac caaaaatggc agtttaattt ttctacccaa 300
tatcctatgg catatgaatg atccaaattt gaagctccaa ggataggaaa aagcttactt 360
gtgcctgtcc tagacaagtc tagagtttat attgaaatca aaacttc 407

<210> 469
<211> 405
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(405)
<223> n = A,T,C or G

<400> 469
aattcggcac gagggggcat ggatgcaaga ggattggaga tgagggggcc tgtccccagt 60
tcaagaggcc ctatgactgg tggaattcag ggtcctggtc ccattaatat aggggcaggt 120
ggcctctctc agggaccagc acaggtccca ggcatttcag ggggtgggaa tcctggagct 180
ggtatgcagg gtacaggcat acaaggaaca ggcattgcacc ggagcaggca tacaaggagg 240
agggatgcag ggggcaggca tacaaggagt cagtatacaa ggaggaggta tacaaggagg 300
aggtatacag ggggcannca ngcaagggtg aagccagcct agcagtttta gtctctggga 360
gagccaggtc actccncagg atcaggagaa ggcanttttg atcat 405

<210> 470
<211> 396

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

```
<400> 470
cggcggcagc ttccccgggg gccggttcgg gtctccgtcc cctggcggct accctggctc      60
ctactccagg tccccgcggg ggtcccagca gcaattcggc tactccccag ggcagcagca      120
gacccacccc cagggtttctc caaggacatc tacaccattt ggatcagggc gtgttagaga      180
aaaaagaatg tctaattgagt tggaaaatta tttcaagcct tcaatgcttg aagatccttg      240
ggctggccta gaaccagtat ctgtagtggg tataagccaa caatacagca atactcaaac      300
attcacaggc aaaaaaggaa gatacttttg ntaacattnt ctgaaatnca actggaagct      360
tcatgtgtca tgaacatctt ggacnaaact tttaag                               396
```

<210> 471
<211> 409
<212> DNA
<213> Homo sapiens

```
<400> 471
aattcggcac gagcttacat gaacaaggta gagctggagt ctgccttga agggctgacc      60
gacgagatca acttctcat gtaagcttca tccacatcct tcttgatgag gacaaattcg      120
ttctccatct ctgtacgctt attgatctca tctcatact tgttcttgaa gtctccacc      180
agcccctgca tgttgccaag ctccgcctcc agcttcagct tctcctggcc cagagtctcc      240
agctgccgcc taaggttggt gatgtagctc tcgaacatgt tgtccatgtt gcttcgagcc      300
gtcttctgct gctgcaggag gctccacttg gtctccagca tcttgttctg ctgctccagg      360
aaccgtacct tgtctatgaa ggaggcaaac ttgttgttga gggctctga                               409
```

<210> 472
<211> 397
<212> DNA
<213> Homo sapiens

```
<400> 472
aattcggcac gaggcattgca atgatgctac ctgttctgac ccatcatatc cgctaccacc      60
aatgcctaatt gcatttggac aagttgatag gatatacttt ccaagatcgt tgtctgttgc      120
agctggccat gactcatcca agtcatcatt taaatttttg aatgaatcct gatcatgcca      180
ggaattcatt atctaactgt ggaattcggc agcccaaata cggagacaga aaagttcatc      240
acatgcacat gcggaagaaa gggattaaca ccttgataaa tatcatgtca cgccttggcc      300
aagatgaccc aactccctcg aggattaacc acaatgaacg gttggaattc ctgggtgatg      360
ctgttggttga atttctgacc agcgtccatt tgtacta                               397
```

<210> 473
<211> 408
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(408)
<223> n = A,T,C or G

```
<400> 473
aattcggcac gaggcgaggg cctggacgta gtgtcttcaa cagttgtaac agcagctgcc      60
atttgctgaa tgacagcatg tgtcacacac tctgctgagt attacaggca tttttttcta      120
atacaaatgc cccaagtgcc aggagagctt tcggcggcgc tcagacctca ccacgcacca      180
```

gcaagatcac	ctaggcaagc	ggccataccg	ctgtgacatc	tgtggcaaga	gcttcagcca	240
gagtgccacg	ctagctgtgc	atcaccggac	ccacctggag	ccagcacct	acatctgctg	300
tgagtgtggg	aagagcttca	gcaacagctc	cagctttggc	gtgcatcacc	gcacccacac	360
aggtgagaga	ccttatgagt	gcactgagtg	ngggcggacc	ttcacgat		408

<210> 474
 <211> 429
 <212> DNA
 <213> Homo sapiens

<400> 474						
caattcggca	cgagggtgag	cgagtgtgtg	gctttcatgg	gcctcttctt	tatgaagcaa	60
agtgtgtaaa	ggttgccata	aaggacaaac	aagtgaata	cttcatacat	tacagtggtt	120
ggaataaaaa	tgctgtgagg	cccaggcgct	ctgaaaaatc	tttgaagaca	catgaggata	180
ttgtagccct	ttttcctggt	cctgaaggag	ctccctcagt	acaccacccc	ctcctgacct	240
ctagttggga	tgaatgggtt	ccggagagca	gagtactcaa	atacgtggac	accaatttgc	300
agaaacagcg	agaacttcaa	aaagccaatc	aggagcagta	tgcagagggg	aagatgagag	360
gggctgcccc	ggaaagaaga	catctgggtc	gcaacagaaa	aatgggtgaag	tgaaaacgaa	420
aaagaacaa						429

<210> 475
 <211> 405
 <212> DNA
 <213> Homo sapiens

<400> 475						
aattcggcac	gaggaactat	ctagtagctg	gttccctccg	aagtttccct	caggatagct	60
gggacagcag	ctgctgtgtg	ggaaaggcca	gctggcaaga	tgatggaaga	aatctccatt	120
atggtagcct	atgacgcccc	tgttttcagc	cagctgcacg	atgaagactt	cctcactagt	180
ctggtggcca	tcagcaagcc	caggtctatg	gtaccaacca	agaagctgaa	gaaatatgag	240
aaagaatatc	agacaatcgc	agagagtcag	ctgcaacagg	aagacccaat	ggatagatac	300
aagtttgtat	atgtgtaggt	aactccagct	gttgcattta	tactgggaat	cttcataaga	360
agctgagaga	aagagagggg	aaaaagaaa	tggttttcta	ctttc		405

<210> 476
 <211> 426
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(426)
 <223> n = A,T,C or G

<400> 476						
aattcggcac	gaggagtcgt	cgggggtttcc	tgcttcaaca	gtgcttggac	ggaacccggc	60
gctcgtttccc	caccccgccc	ggccgccccat	ttgcagcctt	gtnncaanat	tgncccaanc	120
tctcnaaaan	aaaaaaaaaa	ccntnaantt	tttttttttc	cnnggangna	aantttttta	180
aaaaaaanat	ttnnmtcnta	ccaaaantaa	annngnantn	aantngtttt	tnngnaangn	240
nnnnnaaana	nngcctntng	gnttnannaa	nnaccnnttn	nttaangnct	ttntttttaa	300
agggngganc	tttnaanttn	cnnaaaangg	aaaatggntt	ttttttttaa	antgggggtt	360
ttttntttta	nctaggnnaa	antttgtaan	ggcnttggtt	tttttaaaaa	ttctgganaa	420
tttttt						426

<210> 477
 <211> 421
 <212> DNA
 <213> Homo sapiens

```

<400> 477
aattcggcac gaggtggagt gacggtcaca ccgcggcgaa ttaattccca aagactcatg      60
ttacatgaga aagccaccaa gaagaccaa gaaaaggaga caaggatggc tcttcctcag      120
ggatgcttga ctttcaagga tgtggctata gaattctctt tggaggagt gaaatgcctg      180
aaccctgcac agagggtctt atacagggcc gtgatgttgg agaactacag gaacctggag      240
tctgtggatg aagtcttgct cttttgtcca ggctgggggt cagtggcgtg atctcggctc      300
acggcaacct ccacctccca ggattgactt ctaaggactc ttggtacatg aggaagaaac      360
ccggaagggg aagaggaaag caaaggcgtc aggaatggtt cttctcagat ggggcctcgc      420
t                                                                421

```

```

<210> 478
<211> 401
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(401)
<223> n = A,T,C or G

```

```

<400> 478
aattcggcac gaggttgtgt tcatgtagga cccaagggtg actgtaaaca tgataggagc      60
gctgggacat tgtcactgag gcagacagca gccactagtc cacaatgggt taaaaagtca      120
gtcctgtcat gtttacagtc acccttgggt cctaaattaa cagttngtt catgnaggtt      180
cgtgncgtcg ttggctctga gacattgata ataaatTTTT ctcaacagng aaaaaaaaaan      240
ataaannnta aaaaaaaaaa aatncccgcc cntnaaaann ntagggggnc tttttncgaa      300
aacccccctt tttnnaaaac ctcnngngnn nnnngccnnc cccccctna atgccgggaa      360
aaaaancntt ttttnaaaa ntcngngnnn ctttnnnntt t                                                                401

```

```

<210> 479
<211> 402
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(402)
<223> n = A,T,C or G

```

```

<400> 479
ccaagacagt gcactagatg atgaaagatt ggcatacaaa ctgcaagagc acagagctaa      60
aggagtgtcg attccattga tgcataagc aatgcagaag tggattaca aagatcctca      120
gggagaaatt caaggcaagt tgttcctttt tcctttaaat actgaagtgt gtgccattac      180
ctccagaatc tctaagaagg gatttgttta atttaaatTA tagtagaaaa agaagtcaac      240
aagcacacac gcgcgcacac acgcagacta gaagtgtttc tgatttcaga tgtttttaga      300
tttcttccca attttggaa aattgcattg tcataccagt tgagcatccc taatctgaaa      360
atccaaantc cataatgctc tattgaatgn ttcctttgtg tg                                                                402

```

```

<210> 480
<211> 405
<212> DNA
<213> Homo sapiens

```

```

<400> 480
aattccggtt ctgtcggttt cattatataa aaggaacatc ttcccatagc atattctatg      60
aaaggggttt cattccaagt tgagttttta aaaaaaaggc cttcctaaag ctaccatttt      120
caaccgtcct tgttatctag tacaacataa ataacagtct taaaaattgc actaatacca      180
gtgccccctt ggctctccaa atctgttctt tgctcttgta tctgctggac gcttgaagac      240
aggtgcactg tctcgtatgt atttgaatta tgaacagtaa tttctaata attctaaaat      300

```

ggtcattgta	agtgaaagcc	tctcgctacc	acttcctctt	ccaactacat	aaatatattt	360
caatgtattt	ccagtttttg	gaaagttttc	aatacataca	tcaag		405

<210> 481
 <211> 418
 <212> DNA
 <213> Homo sapiens

<400> 481						
aattcggcac	gagagcatac	acatgcatgc	atgcatgagt	gtatacacac	agtaatgcat	60
actagttaaa	cactcacatc	attttaatta	ttacttttgg	ctaggattta	ttgaagcata	120
atttactaaa	gcttctccag	aagccactaa	ctccaaaaga	cagaatcaca	atacagggca	180
tatgctgagg	gcctctgggt	tgggccaaga	atttcagact	gggcgccatg	accaagggca	240
atctgcagtc	actcaagagt	acttgaaga	ttgatttagc	agtggtgctt	ggaacagact	300
gggccaggaa	gggctataag	caggagagag	cattttaaag	ttatagtatt	gatttaggat	360
cagggtgaaa	aggaactgaa	gtggagcaag	gtgagacagg	aaggaatgga	ggactctg	418

<210> 482
 <211> 409
 <212> DNA
 <213> Homo sapiens

<400> 482						
gcgcgccgc	ctcctgctcc	tcccgtgct	gctgccgctg	ccgccctgag	tactgacctg	60
cgcagctccg	gccgcctggc	tcccatact	agtcgccgat	atttgaggtt	cttacaacat	120
ggcagacatt	gacaacctgc	ctagggtagt	taaaagacga	gtgaatgctc	tcaaaaacct	180
gcaagttaaa	tgtgcacaga	tagaagccaa	attctatgag	gaagtccatg	atcttgaaag	240
gaagtatgct	gttctctatc	agcctctatt	tgataagcga	tttgaaatta	ttaatgcaat	300
ttatgaacct	acggaagaag	aatgtgaatg	gaaaccagat	gaagaagatg	agatttcgga	360
ggaattgaaa	gaaaaggcca	agattgaaga	tgagaaaaag	gatgaagat		409

<210> 483
 <211> 410
 <212> DNA
 <213> Homo sapiens

<400> 483						
aattcggcac	gagacaccag	atcctgaaag	gggttaaate	tactttgaaa	tgaatctgca	60
atcagtattt	caaagctttt	ctggtaattt	tagtgatctt	atttgattag	actttttcag	120
aagtactaaa	taaggaattt	taacaggttt	ttattaatgc	acagataaat	agaagtacag	180
tgaggcttat	agccatttta	ttaaaatagc	ttaaaagttt	gtaaaaaaat	gaatcctttg	240
aattacttaa	tatgttagtt	aagaaccggt	caagcttata	tttgctagac	ttacaaatta	300
ttttaaatgc	atttatcttt	tttgacacta	ttcagtggaa	tgtgtaagct	agctaattct	360
tgttttctga	tttaaagcac	ttttaaatct	tatcctgccc	cctaaaaaca		410

<210> 484
 <211> 425
 <212> DNA
 <213> Homo sapiens

<400> 484						
aattcggcac	gagagtcaat	ccaaatgatt	tcagagacct	gactttgctg	tttgaccact	60
ctcagctttt	tggtatcaga	ctcccttcac	tggctcccaa	aaactccagg	gccatgtttc	120
tggaacagtg	gaaagcaggg	aaatagaaat	ggggcctcag	gaattagaaa	taaggctttg	180
gcattcaaat	gtcgcaccta	gcatgctgtg	actagcgata	agtgtgcaag	gagtgttgaa	240
gcagtaggaa	gacttgtggt	gaggcggggc	aggggatggg	ggtgaggggac	ctgcagagag	300
accagggcct	tcttgaaggg	ctctgccctt	ccgggctggc	aggggccacc	tggggctacc	360
aacaggatac	tgtgcttctc	cagtaggtcc	cacccctcc	aggacagaga	ccctggtgga	420
ggaga						425

<210> 485
 <211> 412
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(412)
 <223> n = A,T,C or G

<400> 485	
gaacaggtgg tggtcaccaa tcccttctgg gatgctgagg tgatccggcc cctacccatg	60
gacagcagtg cctattcctt cacggccttt gtgggagtcg ctgccgtcga gttctccttt	120
atggaggacg accaggccta cccattcctg cacacaaagg aggacactta tgagaacctg	180
cataaggagc tgcaaggcgg cctgcccggc gtggcccatt cgaggcatca ccgacaaatt	240
ccncacnagt gactnatnac ctgngtgnca tcnactatgc gggagacact ttcttcgana	300
angacacaan ntccatcctt ntaaaaanng acggaatggn gaatatannn atatcgcaan	360
ctccnnatca nctggttgga atgaaaaggc ttacaatgaa agnttgntgg cc	412

<210> 486
 <211> 488
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(488)
 <223> n = A,T,C or G

<400> 486	
ccctatacaa gctcttgntt ntggagctcc atccantanc tncngttnng ngaggctata	60
tcctttcaca cccatcaggc actgtgaagt aagcaggaag acaacctgag gttgtctctt	120
tactttgagt tcctacataa taaattgcag cctaatttag tacataaacc caaacctaatt	180
ttaggagtaa attttttgta gcagatagcc agatttcagc caatcacagg cttccagcta	240
acaagactat gcccaaataa ggcaaatgcc tcatcacatg atgctcaaat aaggcagcca	300
cctaggcgag gccaatcagg taacttttct actttgctta attgtcagcc tgacaaattt	360
gctgcttatg actgctgagc agagctgcta aacctcttct ggtttgaggt gctgccttat	420
atatgaattg gtctttggtc acataaaatt gggtaaattt aacttctcta aaggttttna	480
ttaaattg	488

<210> 487
 <211> 413
 <212> DNA
 <213> Homo sapiens

<400> 487	
aattcggcac gaggaacaaa gacacaacat accagaatct cttggacaca ttaaaagcag	60
tgtgtagagg gaaatttata gcactgaatg cccacaagag aaagcaggaa agatccaaaa	120
ttgacactct aacatcacaa ttaaaggaac tagagaagca agagcaaaca cattcaaaag	180
ctagcagaag gcaagaaata actaagatcg gagcgaacag aaggatcctc tagaagagcc	240
taaagcaaag aagcacaataa aatcaaagaa gaaaaagaaa tccaaagaca aacaccgaga	300
ccgcgactcc aggcattcagc aggactcaga cctctcagca gcgtgctctg acgctgacct	360
ccacagacac aaaaaaaga agaagaaaaa gaagagacat tccagaaaat cag	413

<210> 488
 <211> 420
 <212> DNA
 <213> Homo sapiens

```

<400> 488
gccaaagttgt tggactcaca gggaaaggtg accaagtgggt tcaataactc tgcagcttcc      60
ctgacaatgc ccaccctgga caacatcccc ttcagcctca tcgtgagtca ggacgtgggtg      120
aaagctgcag tggctgctgt gctctctcca gaagaattca tggtcctgtt ggactctgtg      180
cttcctgaga gtgcccacgc gctgaagtca agcatcgggc tgatcaatga aaaggctgca      240
gataagctgg gatctaccca gatcgtgaag atcctaactc aggacactcc cgagtttttt      300
atagaccaag gccatgccaa ggtggcccaa ctgatcgtgc tgggaagtgtt tccctccagt      360
gaagccctcc gccctttgtt caccctgggc atcgaagcca gctcgggaagc tcagtttttac      420

```

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<210> 489
<211> 414
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(414)
<223> n = A,T,C or G

```

```

<400> 489
cgacatcaga agatcattga ggaggcccca gcgcctggta ttaaactctga agtaagaaaa      60
aagctgggag aagctgcagt cagagctgct aaagctgtaa attatgttgg agcagggact      120
gtggagttta ttatggactc aaaacataat ttctgtttca tggagatgaa tacaaggctg      180
caagtggaac atcctgttac tgagatgata acaggaactg acttggtgga gtggcagctt      240
agaattgcag caggagagaa gattcctttg agccaggaag aaataactct gcagggccat      300
gccttcgaag ctagaatata tgcagaagan cctagcaata acttcatgcc tgtggcaggc      360
ccattngcgc anctctctnn cctcagacag acccttcac caggattgaa actg      414

```

```

<210> 490
<211> 430
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(430)
<223> n = A,T,C or G

```

```

<400> 490
aattcggcac gagaagacga tcagataccg tcgtagttcc gaccataaac gatgccgacc      60
ggcgatgcgg cggcgttatt cccatgaccc gccgggcagc ttccgggaaa ccaaagtgtc      120
gggattatag gcgtgagccg ccacaccggg cctcaaataa ctatgtttta ttacttttta      180
gtatagtagg ctctggaatg gaatgtatct ttgccactcc tagactgttg cccctgaagt      240
gttctaakat acattcgtaa tcatgcaacc accacctcca ccatccgcat cagaactctt      300
tcattagctc tctgttgccct accactccaa accatagcag ttgggcacct gcaccttctg      360
aatggcagcc tttttgttta tcctgntgcc ctctctaaca tgtactttgc tcctttttctc      420
ctggcagaaa                                     430

```

```

<210> 491
<211> 411
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(411)
<223> n = A,T,C or G

```

```

<400> 491

```

aattcggcac	gaggggttggt	cagactgagc	ttcctgcctg	cctgtacccc	gccaacagct	60
tcagaagaag	gagcagcccc	tgggtgcgtc	cactttctgg	gcacgtgagg	ttgggccttg	120
gccgcctgag	cccttgagtt	ggtcacttga	accttgggaa	tattgagaga	aacattagaa	180
tcattgccct	ttagaagagc	agaactatga	tgcctcctgt	cagggatgga	acgaggcatt	240
ccatgcagat	gacaacccaa	agagagcaag	agtggctcta	tttatatcag	acaaaatcga	300
ctttaagtca	aaaactgcac	aagagacatt	aaagtatatt	atataatgaa	aaaagcatca	360
atcccatga	agatataaca	attattaata	tatgcnctca	tatcagagcc	c	411

<210> 492
 <211> 410
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(410)
 <223> n = A,T,C or G

<400> 492						
tccagatgta	ccttgaatac	tgttgagagc	tagtcagatg	aatgagactg	gcctgccacc	60
tagcatctgc	acatgaggta	ttcttctaca	ctgatttttc	atacaggtgt	gctagatttt	120
aatgggtcac	ttaaattcag	ttagtctcca	acataataat	tctccacaac	ataggatata	180
gtatacactc	tacttgacct	aagatgataa	aactgaaaaa	gacaaaaaaa	aattttattg	240
ccataaatta	atccagtagg	tatatattgag	aaagcacgca	tcagttgggt	agggcaataa	300
gcgcctctac	cacgttgcca	tgtgggccnt	tgnaacnggn	tctgctgctg	ntcgagatat	360
ctccatctca	ancatctgca	gaaaaaaatc	atggtacata	gggtccaggc		410

<210> 493
 <211> 432
 <212> DNA
 <213> Homo sapiens

<400> 493						
atcattttaga	ggcagaagtt	aagttctgca	aggaggaact	ctctggaatg	aaaaataaaa	60
tacaagtagt	tgtgcttgaa	aacgaagggc	tccagcaaca	gctaaaatct	caaagacaag	120
aggagacact	gaggggaacaa	acacttctgg	atgcatccgg	aaacatgcac	aattcttgga	180
ttacaacagg	tgaagattct	ggggtgggcg	aaacctccaa	aagaccattt	tcccatgaca	240
atgcagattt	tggcaaagct	gcactctgctg	gtgagcagct	agaactggag	aagctaaaac	300
ttactttatga	ggaaaagtgt	gaaattgagg	aatcccaatt	gaagtttttg	aggaacgact	360
tagctgaata	tcagagaact	tgtgaagatc	ttaaagagca	actaaagcat	aaagaatttc	420
ttctggctgc	ta					432

<210> 494
 <211> 386
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(386)
 <223> n = A,T,C or G

<400> 494						
aattcggcac	gaggtctgctc	cagctgagga	gaagaaagtg	gaagcaaaga	aagaagaatc	60
cgaggagtct	gatgatgaca	tgggcttttg	tctttttgac	taaacctctt	ttattgaaca	120
tggtataaaa	gaggttttagt	caaaaaaaaa	aaaancncgn	ccctttaaan	ctataggng	180
ncgtnttncg	taaanccann	cntganaaaa	nnctntngnn	agttnggnca	accncannt	240
aaaangcngg	gaaaaaaaang	ctttnttngg	naaattnggn	aggctntngn	tttnttngaa	300
ncnttntaa	ncngcannaa	ncaagtnanc	ancancaatn	gcnttcnttt	tntgtttnag	360

gtncnggggg ngggggggga gttttt

386

<210> 495

<211> 407

<212> DNA

<213> Homo sapiens

<400> 495

aattcggcac	gagagacagt	cttactgacc	tttatgtcca	acatgcaata	ccattgcctc	60
agagggattt	gccgaagaat	agatggggga	aaatgatgga	aaagaaaaga	gaacaacatg	120
agattaaaaa	tgagactaaa	aggagtagca	ctgtagatgg	gttaaggaaa	agaccctca	180
tcgtatttga	tggagtttca	acaagtacaa	gcataaaagt	gaaaaagaca	gagaatggag	240
ataatgatcg	actgaagcct	ccccgcagg	caagctttac	cagtaatgcc	tttagaaaat	300
tatcaaattc	ctcttcgagt	gtttcacccc	taattttgtc	ttccaatttg	cctgtgaaca	360
ataaaacgga	acacaataat	aatgacgcta	aacagaacca	tgactta		407

<210> 496

<211> 413

<212> DNA

<213> Homo sapiens

<400> 496

aattcggcac	gaggtacacc	ctatatattt	ctgttcagta	tccattcact	agttcttcat	60
ttataaatat	catcttcccc	attctgctgc	tgaatgccac	acatccatcc	agtctgagaa	120
agtgagagag	gcaatcatgc	caagaacaag	ccagcaaagc	tctttcacca	gatgtagact	180
gtagccctgc	tgcttccct	ccagcgagtc	tgccagcatg	cttcttcac	ctttttatat	240
gttctttgct	tctacttcc	ctgtcttcca	acatactgtt	cacttactct	ggcagtcctt	300
ctgcttttca	ttaagcctca	aaatctcctc	tgttctactt	ggcaccacaa	gctatgccta	360
tatatgtatt	tctgacttgg	caggatagtt	caagggctgg	cagtttttat	tta	413

<210> 497

<211> 412

<212> DNA

<213> Homo sapiens

<400> 497

aattcggcac	gaggagagag	ctaagcactt	tccactgcat	gctaggatat	agggcttgca	60
acatagaccc	agccctacag	ccgtcacccc	agctggggca	ggcagctcct	agggcgtctc	120
tcttgacctc	tgggcagcca	gtcatcaaag	cagagagacg	tggcggcatg	tgggcagcat	180
gcccagggtc	cttgctgact	cagcacttat	ttctgtagtt	ttaaaaaaga	atttaaatgt	240
tttggttgta	tttttttggg	ggggagaggg	tgggcaaaaa	catgggggta	gttctgagtt	300
gttagaaatg	tttctgaatc	aagtttggtt	gaagacacgt	gtgcctttgt	accattata	360
agatggtcat	aagacccaag	aactgataag	ctttggtttt	tttttttgtt	tt	412

<210> 498

<211> 398

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(398)

<223> n = A,T,C or G

<400> 498

aattcggcac	gagcagcaac	caaccagagc	agttcgactg	ggccatcaat	gaccgcatca	60
atgagatggt	ccacttcgac	ctgccagggc	aggaggaacg	ggagcgcctg	gtgagaatgt	120
attttgacna	gtatgttctt	aagccggcca	cagaaggaaa	gcagcgcctg	aagctggccc	180
atttgcgtna	tttgnnaann	ncnaancnn	ggcgtntgac	caaanncacc	aagttcgtgc	240

gggacatgat	tcgggaggtg	tgtggctttg	ccccgtacna	gcgngcnc	atggagttac	300
tgaaggtctn	caggacaaac	ggccctnaaa	tttatcaaga	aaaggtggg	gacncacatc	360
cgtccaagag	gaacgggagg	agctgagcaa	cgtctggc			398

<210> 499
 <211> 397
 <212> DNA
 <213> Homo sapiens

<400> 499						
ggttcaaata	gataaattgg	aatgaggggt	aatcagaagc	taacagggca	gattagcatc	60
caagatggag	ttgctttggc	ctctagatgg	ggcatcctgt	gcaatttgct	aaggtgctta	120
tttggctttc	tctggctcta	agttggaagc	aggggcaaaa	ttaaagaaac	tgctattcat	180
tcatttcctg	acgattctgg	gccaattggt	acacaagtta	ttgttttagct	tcctggattg	240
tcactaaaga	aagcaatctg	gtttcctgca	attctgactt	acagcaggct	gatctcctgg	300
gttggtttatt	gttgatgagg	gtgttggttt	ctcgggcagc	ttgctgcagg	ttgtgggtcg	360
aattttcta	tttacatatg	gcatggccac	tgccatt			397

<210> 500
 <211> 416
 <212> DNA
 <213> Homo sapiens

<400> 500						
aattcggcac	gaggcagcac	atatactaaa	attggaacga	tacagagaag	attagcatgg	60
cccctgcgca	aggatgacac	gcaaattcgt	gaagcgttcc	atatttttca	aggagctcac	120
agtatagtag	gggagacaaa	gagatatttg	gagaacaatg	agataagtcc	tgggtgtgat	180
ataacagcat	agataagggc	catctaacc	agtctgggtc	aagaggggaag	aatgagttag	240
aagtcttaaa	atggaagcct	tgagatggaa	gtaaagtagg	tgtttgccag	gtagacagga	300
aaaggacatt	caaaagagaa	ggaatacgat	gggcaaagtc	ataaaggcaa	gaaaaagcac	360
agtacagtgt	ttcatttaag	gaactgcaaa	ttgtttttta	gctgaagaat	tagatc	416

<210> 501
 <211> 426
 <212> DNA
 <213> Homo sapiens

<400> 501						
agaagatcat	taagagagtg	attgctcttg	aaggagatat	tgtcagaacc	ataggacaca	60
aaaaccggta	tgtcaaagtc	ccccgtggtc	acatctgggt	tgaaggtgat	catcatggac	120
acagttttga	cagtaattct	tttgggccgg	tttccctagg	acttctgcat	gcccatgcca	180
cacatatect	gtggccccc	gagcgtggc	agaaattgga	atctgttctt	cctccagagc	240
gcttaccagt	acagagagaa	gaggaatgac	tgcatgaatc	tacctgagtt	gctggcattg	300
ggaggccagt	tactggaaag	gaatggaaaa	aagaagcctc	caaaaggga	aaacttctga	360
caatatgatg	ctgtgcgaga	aatattttaca	gcacattaaa	acgatctgta	ttattaaata	420
aataat						426

<210> 502
 <211> 426
 <212> DNA
 <213> Homo sapiens

<400> 502						
ctgacatgtg	ccctgaaaga	aggcgatgtc	actattggag	aagatgcacc	aaatctttct	60
tttagcacca	gtgtgggaaa	tgaggacgcc	aggacagcct	ggcccgaatt	acaacagagc	120
catgctgtta	atcagctcaa	agatttgttg	cgccaacaag	cagataagga	aagtgaagta	180
tctccgtcaa	gaagaagaaa	aatgtcccc	ttgaggtcat	tagaacatga	ggaaaccaat	240
atgcctacta	tgacagacct	tggtcatact	attaatgacc	agtctcaata	tattcatcat	300
ttagaggcag	aagttaagtt	ctgcaaggag	gaactctctg	gaatgaaaaa	taaaatacaa	360

gtagttgtgc	ttgaaaacga	agggctccag	caacagctaa	aatctcaaag	acaagaggag	420
acactg						426

<210> 503
 <211> 470
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(470)
 <223> n = A,T,C or G

<400> 503						
tttgactcct	tntacaagcn	acttgctntn	tngcnggatc	ccatcgantc	naattcggca	60
cgagcggaca	ctggtgaaca	aggaagatcc	ccccaaagag	ctgccagctg	ctgagcctgt	120
tctcagccca	ttggaaggca	ccaagatgac	tgcaataat	ctgcaccctc	gagtcactga	180
ggaggacatt	gttgagcttt	tctgtgtgtg	tggggccctc	aagcgagctc	gactgggtcca	240
tcctggggta	gcggaggtgg	tgtttgcgaa	aaaggacgat	gccatcaccg	catataagaa	300
gtacaacaac	cgggtgcctcg	caggggtgaac	tctgcctcct	ctgtgaccac	gcagcccaca	360
gaattcaaaa	tcaagctttg	agcaggggag	tgaggcacca	aaagtggggg	cagaggaggg	420
tggctctgtt	tcccaaggcg	aagcttatga	ccaatgngcc	atctgactgg		470

<210> 504
 <211> 434
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(434)
 <223> n = A,T,C or G

<400> 504						
ggtgggttgg	ttggggcgag	gaggacgggg	gcgcgcttcc	cataacatta	ccctggctga	60
gcgtgaggct	ccagggtctg	gcaccggggt	gacctcttat	tcctcgctga	gggcatcggt	120
accgcctgtg	gctgcaagcc	gaggcgcgcg	ggtggaaact	gggtcgaggt	ctgggtagac	180
gtctgagcga	tctgcacaag	gagtggcgca	gtctggaatt	tgattgagga	ttcctaacgc	240
cctccgcttg	atgttctggt	gattccccgg	ggctcggctt	cggaggaagg	caccaagaaa	300
ctgataatgt	tcctttgaat	tggcttctgt	atttgcttca	tcaatgtctc	tcatactgaa	360
tatcttaaga	gagatgctgg	aatatatttg	cgttcctgta	gaacaggntt	tgctgatttg	420
ggaaaataaa	gact					434

<210> 505
 <211> 399
 <212> DNA
 <213> Homo sapiens

<400> 505						
aattcggcac	gagcctagac	atcatctacc	agccacaggc	tatcttcaga	gtccgggctg	60
tgactcgctg	caccagctcc	ttggagggtc	acagtgaggc	agtcatttct	gtggccttca	120
gccctacggg	aaagtacctg	gccagtggct	ctggagacac	caccgtgcgc	ttctgggatc	180
tcagcacaga	gacaccacat	ttcacatgca	agggacacag	acactgggtc	cttagtatat	240
cctgggtctcc	agatggcaag	aagctggcct	caggctgcaa	gaatggccag	attctcctct	300
gggacccaag	cacaggggaag	caggtgggca	ggaccctcgc	tggccacagc	aagtggatca	360
caggcctgag	ctggggagccc	ctccatgcga	accctgagt			399

<210> 506
 <211> 414

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<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(414)
<223> n = A,T,C or G

<400> 506
agctgcagaa gctgcacagt gagatcaagt ttgccctaaa ggtcgacagc ccggacgtga      60
agaggtgcct gaatgcccta aaggagctgg gaaccctgca ggtgacctct cagatcctcc      120
agaagaacac agacgtggtg gccaccttga agaagattcg ccgttacaaa gcgaacaagg      180
acgtaattgga gaaggcagca gaagtctatn cccggctcnc nngagagcnn nncagacaac      240
tgtggggaac gctgngctgt ntgnanttgg tcccttgggt tttttttnct gcctaattta      300
tgttattncc aaccaacatg anctgactat aancgggttt ttaatnaaaa aaaaananaa      360
aaacnncnnc ctttttnatn tttntgnngg ngntttcngt ccccgcnntn taaa              414

<210> 507
<211> 397
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(397)
<223> n = A,T,C or G

<400> 507
aattcggcac gagcccacct cccagcccgg aggccatgac agcctggtgg accgctggat      60
ccgcagccgc ctgacagagg ctgtgaggct cagcaatcaa ggcttcagg cctacgactt      120
ccggcccgct accactgccc attagatatg ttgnatnana antatgaaga catggaacgt      180
gaagaaaacg gagataatac tatttncact ggtctgttgt acagtgaggc tgacanatgc      240
ccantatgtc ttaattgtct attaaaaaag gaagttgntt tnncaaaaag tgcattnttg      300
actttggatn aattgnattc nttaangggc angnggcttt tccataagtt atttganttn      360
ttcnttatat cacctttgtg gaanaaccan atnaaat              397

<210> 508
<211> 485
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(485)
<223> n = A,T,C or G

<400> 508
tttgaanccc cttnaaagcn cttgntttga tgccnntccc atcgattcgg tttgctagaa      60
aacctaattg ggagtgcgag gcagagaacg ttcagcacct ttgttcctcc cgaaccctcg      120
ggacagaggc agggttctga gggcagggat tccccctcgt cttggcccca ccgcccgggc      180
tgggcactaa actcggggcg cggcggggcg agcgaggcgg gctccggagg gagctgacgc      240
ctgatgatgg cgcagtgcaa catgtttacc gtggctgatg tgttgagtca agatgaactg      300
cgcaaaaagc tataccagac gttaaaggat cggggtatac tggatacact caagacacaa      360
cttcgaaacc agctaattca tgagttgatg caccctgtat tgagtggaga actgcagcct      420
cggtcatttt cagtaaaaag ggagctcctc ttaataggcg cctctaactc tttagtggca      480
gatca              485

<210> 509
<211> 414

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<212> DNA
<213> Homo sapiens

<400> 509
aattcggcac gaggggtgttt gtgaatcgcg ttccatcctc gtcctttgtg cctctctgtt 60
tgctgtgctt ggggggctgg caagattccg gataagggga actgggtggc tggaaagagg 120
catgcggtgg ccctcaagag ccagaagaat gactgctaac tgggtgcctgg gggacctatc 180
ccgccgtaat tgtggtgcta gagccgcatt gtgtcctttg cctcgggtcca acctttggag 240
acctttcacg gctctagcct tgggtgggag ccgagggag gagtttggga atgtttggct 300
ctgtgtaaca atgaaataat tcattgggtga tgctctctgg ccggagtctg taaagataag 360
gtgcatttca gaacattgca actcttgccg agggtttttag gtaacgtgaa atgg 414

<210> 510
<211> 401
<212> DNA
<213> Homo sapiens

<400> 510
tatcgctcta cccagggcgt ggtgtcgatc tacgttccaa ttggggccgt accatggcgg 60
agaagactca aaagagtgtg aagattgctc ctggagcagt tgtatgtgta gaaagtgaaa 120
tcagaggaga tgtaactatc ggtaagaaat agtttattta ctgtttttca agaattgatg 180
tgattttaatc tatttttagt ctttacaatt agataccgtc ttccatgttt atttctactga 240
tgtcctagtt ttattgacaa aataatgcat tttctcctat gtgtttaaat ttctgaaaga 300
atgtagtgtg atggaggctg tgtttaaact cctatctgaa atactaatga ggctgtataa 360
caaagtcatt catgtattta agagagatct gttgtgacct g 401

<210> 511
<211> 402
<212> DNA
<213> Homo sapiens

<400> 511
ctgaaggatg cagttgaggt tgatccaggt ttatccgaat atgctacctt tctgagcctt 60
aaaccttcat ctctcaggtg ttgattttct tctgatagct tcatcatttc tccctgaagt 120
cttttacact cttctgttag tttccttggt tcagtatcat gaagtgaagc actgtgtggt 180
tgtggcgtgg gcccatctgg cttataacct acagtgggac agctttgctg gggtccatgt 240
cattcaattt atcattttca ttggggatct ccatttggaa tccattaatt catgagggtt 300
tgccctattc cacacagctt ccatactctga agtgtttagt ggagcaaaaa ttgtaccata 360
aacttgtgtt tactcttttc attcggatca taagtcaaag gg 402

<210> 512
<211> 415
<212> DNA
<213> Homo sapiens

<400> 512
tttagatgtt ccagagtcct cagagtcctat gaaaggactc acagtggaga aaagccctat 60
gaatgtaaac aatgtggtaa agccttcaaa tattctagta acctatgtga gcatgaaaga 120
actcacactg gagtgaacc ttatggatgt aaggaaatgtg gtaagtcgtt tacttcttcc 180
agtgccttcc gaagccatga aaggactcat actggagaaa aaccctatga atgtaagaaa 240
tgtggtaaaag ctttcagttg ttccagttcc cttcgaaagc atgaaagagc ttatatgtgg 300
taaaaaacaa caacaacaaa acacctctgt caatgtaaga agtgtgttaa agctttcagt 360
tattctagtt tcattagaac accgtgaaaa aattaaaaac tcaaattaga gagaa 415

<210> 513
<211> 392
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(392)
 <223> n = A,T,C or G

<400> 513
 aattcggcac gaggttcggt tgaaggattc tgtgtgctgt cggacccaga gggtgacggc 60
 gccgctagga tgaagctcgt gagatTTTTg atgaaattga gtcataaaac tgtaaccatt 120
 gaattgaaga acggaacaca ggtccatgga acaatcncag gtgtggatgt nnnatgaaa 180
 ncccatntta cnnctgcnat ncngancntg acttaancct atatcttcnn cntttngctt 240
 tgctcatttt nnagntnntn ntttctcntt ctnttattcn cntcttnta ttccnncnna 300
 cctcttcttn gnnttttnacn atncctttca ncctctaata tnttctcttn tnagatntnc 360
 ttctnctctc ncntttnttc ntnntcntgt tt 392

<210> 514
 <211> 421
 <212> DNA
 <213> Homo sapiens

<400> 514
 aattgccgcc gacgtgctt cagcttattc cttgtggcct ctgcgggtcc tgcctcaacc 60
 atgatgatcc acggcttcca gagcatccac cgggatttct gcttcgggcc ctggaagctg 120
 acggcgcca agaccacat catgaagtcg gcggatgtgg agaaattagc cgatgaatta 180
 catatgccat ctctccctga aatgatgttt ggagacaacg ttttaagaat ccaccatggg 240
 tctggctttg gaattgacgc tcaatgctac agatgcgtta agatgtgtaa acaactacca 300
 acagaatgct taaagtggcc tgtgctgaag agtggcaaga aagcaggacg gaggggtgaac 360
 actccaaaga ggttattaaa ccatatgatt ggacctatac cacagattat aagggaacct 420
 t 421

<210> 515
 <211> 423
 <212> DNA
 <213> Homo sapiens

<400> 515
 aattcggcac gagacgacgc agtggccctg aagtctgcag acattgggat cgccatgggg 60
 cagacagggg cggacgtcag caaagaggcc gccaacatga tcctgggtgga tgatgacttc 120
 tcagccatca tgaatgcagt ggaggaaggc aagggtattt tttaacaacat caaaaacttt 180
 gtccgattcc agctgagcac gagcatctcc gccctgagtc tcatcactct gtccaccgtg 240
 ttcaacctgc ccagccccct caacgccatg cagatcctat ggatcaacat catcatggat 300
 gggccaccgg cgcagagctt gggggtagag cccgttgaca aagacgcctt caggcagcca 360
 ccacggagtg tgcgggacac catcctcagc agagccctca tcctgaagat cctcatgtcc 420
 ccg 423

<210> 516
 <211> 393
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(393)
 <223> n = A,T,C or G

<400> 516
 ccgcagggcc gtaggcagcc atggcgccca gcccggaatg gcatggtctt gaagccccac 60
 ttccacaagg actggcagcg gcgcgtggcc acgtggttca accagccggc ccggaagatc 120
 cgacagcgta agggccggca agccaaggcg cgccgcatcg ctccgcgccc cgcgtcgggt 180
 cccatccggc ccatttgctt catttcgcaa tttnaannnn nccnctntt tttntntngg 240

aannanacnt	ttttngtttt	ttaaaaaaaa	nttnaaaaaa	aaaatattgg	gggggggttta	300
aanaaaaaaa	anncctnttt	nnnannngga	aaaaanttgt	ttttttttat	taaanacncn	360
ccnnantttc	taananaana	nnngnagccc	ttt			393

<210> 517
 <211> 387
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(387)
 <223> n = A,T,C or G

<400> 517						
gccgcttcag	cggggggacgt	agccatgaag	gaagagaagg	agcacaggcc	taaggagaag	60
cgagtaaccc	tgtaaacccc	cgccggggcc	acaggcagcg	gtggtgggac	ctcgggggac	120
agctccaagg	gggaagataa	gcaggatcgc	aacaaggaga	agaaagaagc	gctgagcaag	180
gtggtaatc	gaagattacc	tcccactttg	accaaggagc	agcttcagga	acatcttcaa	240
cctatgcctg	agcatgatta	ttttgagttt	ttttctaattg	atacgagttt	gtatcctcat	300
atgtatgcc	gagcatacat	caacttttaa	aaccaaggag	acattatatt	gttcagggat	360
cgctttgatg	gntatgtatt	ccttgac				387

<210> 518
 <211> 415
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(415)
 <223> n = A,T,C or G

<400> 518						
aattcggcac	gagcttaaca	tttcttatag	tgtttggttg	tgatgaattc	tttcagcttt	60
ttattttattg	tttgagagtc	ttgctctgtc	accagggctg	gagtgcaatg	acacaattat	120
ggctcactgg	agccttgacc	ttccaggctc	aagcaaacct	cccaggctca	gcctcccaag	180
taactgagac	tccaggcgtg	tgccactatg	cttggtctatt	tttgatattt	ttttagagac	240
aggttcttac	tatgttgccc	gggctggtct	cgaactctga	ggctcaagcg	tctgccacc	300
tcagccttaa	agncttcca	gcttttatgt	gtctgaaaat	atctttattt	cacttcgcta	360
aaatatattt	tcatcacaca	taaaattcta	aggttgcagg	ttttgccttc	agcac	415

<210> 519
 <211> 408
 <212> DNA
 <213> Homo sapiens

<400> 519						
ccgctgctca	cacctttcta	ctgaagcatc	ctgatgacga	aatgatgaag	aggaacatgg	60
catattataa	gagcctgcct	ggtgccgagg	actacattaa	agacctggaa	accaagtcac	120
atgaaagcct	gttcatccga	gcagtgcggg	catacaacgg	tgagaactgg	agaacatcca	180
tcacagacat	ggagctggcc	cttcccgaact	tcttcaaagc	cttttacgag	tgtctcgcag	240
cctgcgaggg	ttccaggagg	atcaaggact	tcaaggattt	ctacctttcc	atagcagatc	300
attatgtaga	agttctggaa	tgcaaaatac	agtgtgaaga	gaacctcacc	ccagttatag	360
gaggctatcc	gggtgagaaa	tttgtggcta	ccatgtatca	ttacttgc		408

<210> 520
 <211> 416
 <212> DNA

<213> Homo sapiens

<400> 520

aattcggcac	gaggggtgggc	acacacaagg	gcttcgtgca	gatctgggac	gcagccgcag	60
ggaagaagct	gtccatgttg	gagggccaca	cggcacgcgt	cggggcgctg	gcctggaatg	120
ctgagcagct	gtcgtccggg	agccgcgacc	gcatgatcct	gcagagggac	atccgcaccc	180
cgccactgca	gtcggagcgg	cggctgcagg	gccaccggca	ggaggtgtgc	gggctcaagt	240
ggtccacaga	ccaccagctc	ctcgcctcgg	gggggcaacg	acaacaagct	gctggtctgg	300
aatcactcga	gcctgagccc	cgtgcagcag	tacacggagc	acctggcggc	cgtgaaggcc	360
atcgctgggt	ccccacatca	cacgggctgc	tggcctcggg	gggcggcaca	actgac	416

<210> 521

<211> 411

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(411)

<223> n = A,T,C or G

<400> 521

aattcggcac	gagggcacag	cggggtcacg	tggcgggttg	ccccccatga	cttgcctggct	60
gcggggcagt	cacggtgacg	ttcgggtccga	cctgccgagt	ggccaggcta	cctcagtcac	120
ctgtgtggtc	cnantgctnn	catggacctg	ggacccatgc	ncaagagnna	ccgcggggac	180
cnagaggcat	ttgaggagac	tcatntgacc	tcccttgacc	cagtgaacaa	gtttgctgcc	240
tggtttgagg	aggctgttca	gtgtcctgac	ataggggaag	ccaatgccat	gtgtctggct	300
acctgcacca	aagatggaaa	accctctgct	cgcattgttc	tgctgaaggg	cttcnggaaa	360
gatggcttac	gcttttcact	aacttcgaga	gtcgaaaagg	aaaagagctg	g	411

<210> 522

<211> 451

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(451)

<223> n = A,T,C or G

<400> 522

tttgnttncc	tttnnccanc	cnntcgcann	ancatatgct	tgtctcaaag	attaagccat	60
gcatgtctaa	gtacgcacgg	ccggtacagt	gaaactgcga	atggctcatt	aaatcagtta	120
tggttccttt	ggtcgctcgc	tcctctccta	cttgataaac	tgtggttaatt	ctagagctaa	180
tacatgccga	cgggcgctga	cccccttcgc	gggggggatg	cgtgcattta	tcagatcaaa	240
aaccaaccgg	gtcagccccc	ctccggcccc	ggccgggggg	cgggcgcggg	cggctttggg	300
gactctagat	aacctcgggc	cgatcgacag	ccccccgtgg	cggcgacgac	ccattcgaac	360
gtctgcctat	caactttcga	tggtagtcgc	cgtgcctacc	atggtgacca	cgggtgacgg	420
ggaatagggt	tcgattccgg	agaggagacc	t			451

<210> 523

<211> 413

<212> DNA

<213> Homo sapiens

<400> 523

aattcggcac	gagtagaggt	taatgggggt	gacctgagga	actccagcca	cgaagaagcc	60
atcacagccc	tgaggcagac	ccccacaaag	gtgcggctgg	tggtgtatag	agatgaagca	120
cactaccggg	atgaggagaa	cttgagagatt	ttccctgtgg	atctgcagaa	gaaagctggc	180

cggggcctgg	gcctgagcat	cgttgggaaa	cgaaatggaa	gcggagtgtt	tatttctgac	240
atcgtgaaag	gcggagccgc	agacctggat	gggagattga	ttcagggaga	tcagatctta	300
tctgtgaatg	gggaggacat	gagaaatgcc	tcacaggaga	cagtggccac	catcctcaag	360
tgtgcacagg	gacttgtgca	gctagagatt	ggaagactcc	gagctggttc	ctg	413

<210> 524
 <211> 410
 <212> DNA
 <213> Homo sapiens

<400> 524						
agacagctga	acttaatcat	ctaaagcaac	aggtacaaca	gctacaagtc	ttgttgctac	60
aggcccatgg	aggtaccctg	cctggatcta	taactgtgga	accatcagag	aatctacaat	120
ccctgatgga	gaagaatcag	tccctggtag	aggagaatga	aaaattaagt	cgtggtctga	180
gcgaggcagc	tggtcagaca	gcccagatgt	tggagaggat	cattttgaca	gagcaagcga	240
atgaaaaaat	gaacgccaa	ctagaagagc	tcaggcagca	tgcggcctgc	aaactggatc	300
ttcaaaagct	agtggagact	ttggaagacc	aggaattgaa	agaaaatgta	gagataattt	360
gtaacctgca	gcaattgatt	acccagttat	cggatgaaac	tgttgcttgc		410

<210> 525
 <211> 474
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(474)
 <223> n = A,T,C or G

<400> 525						
tttaatccct	tngaaatccc	cgccnttttg	aggatccnc	cnattcgaat	tcggcacgag	60
attcgttgac	aaaaacaatg	accttttcta	tcgagacctg	tcccaagcca	tgtggaaggg	120
cagccatgcc	ctcatcaagt	ctttgttccc	cgaagggaat	cccgccaa	tcaacctgaa	180
aaggcctcct	acagcaggct	cacagttcaa	ggcatccgtg	gccactctga	tgaaaaacct	240
acagaccaag	aacccaaact	atattaggtg	tatcaaaccg	aatgataaaa	aagcagcaca	300
catcttcaac	gaggctctag	tgtgtcatca	gatcaagtac	ctggggcttt	tggagaacgt	360
tcgagtgcgg	agggcaggct	acgccttcag	gcaggcctat	gaaccttgcc	tataaagata	420
caaatgctt	tgtnnactaa	catggctnat	tggaatggac	cagcaggctc	ggtg	474

<210> 526
 <211> 406
 <212> DNA
 <213> Homo sapiens

<400> 526						
gacaagtgcg	gcgctgctgt	ctgtgaattc	tttttgaaag	ctgcctgcgg	caaagggggc	60
atgtgtccgt	ttcgccacat	cagtggtag	aagacagttg	tgtgcaaaca	ctggctgcgt	120
ggcctatgca	agaaagggga	ccagtgtgag	ttcctgcatg	agtatgacat	gaccaagatg	180
cccagtgct	acttctactc	caagttcggg	gagtgcagca	acaaggaatg	tcccttctctg	240
cacatcgacc	ccgagtccaa	gatcaaggac	tgtccttggt	atgaccgtgg	cttctgcaag	300
cacgggtccc	tctgcaggca	ccggcacaca	cggagagtca	tctgtgtgaa	ttacctcgctg	360
ggattctgcc	ggagggggccc	tcgtgtaaat	tcatgccctt	cgattt		406

<210> 527
 <211> 410
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(410)
 <223> n = A,T,C or G

<400> 527
 aattcggcac gagcccgcg cgtgggcaag accagcctga tggagcgctt caccgacgac 60
 accttctgcg aggcctgcaa gtccaccgtg ggtgttgact tcaaaatcaa aactgtagag 120
 ctaagaggaa agaaaattat attacagatc tgggacacag caggtcagga gagattcaac 180
 agcattacct cagcttatta cagaagtgcc aaggggatca tattagtata tgatatcact 240
 aagaaggaga catttgatga tttgccgaaa tggatgaaga tgattgataa gtatgcttca 300
 gaagatgcag agcttctctt anttggaaat aagttggact gtgaaacgga cagagaaatc 360
 accaggcagc aggggggaaaa gtttgcacag cagatcactg ggatgcggtt 410

<210> 528
 <211> 385
 <212> DNA
 <213> Homo sapiens

<400> 528
 ccagtcccca tgggctgaag gcaggttgag ttcttcccca ggtctgcgag cctcgaaggc 60
 ttctttcaga cagcagaccc cttagaagcg caaggctgct ttctgacaaa gaatcaagtg 120
 ttcttttcaa ccagccaagg gactgggtttt ctgcgtgacc ctttgacagc tccagccggt 180
 ccctccggtt caggtccctg acttccctgca acagactgag atggccttct gagcttttcc 240
 agggctgacg accaccttct tgataccttc ccctctctcg ttctgaatcc gtgccacca 300
 gacggactct agctcttggt gccagactg gggtgcaatg gcgcaatctt ggctcaccat 360
 aacctccgcc tcttggttcc aagcg 385

<210> 529
 <211> 382
 <212> DNA
 <213> Homo sapiens

<400> 529
 gggatgcctc cctctaagaa catgacactg agatgatcaa ggttctaaaa gggcgatcat 60
 atcactctcc gaaaatgaaa ctgctcagac agaatgacaa ttaaattaat aacaaccaag 120
 aactgcccga gatttcatct ccgttcacag cccctcctgt gtgctgtatg atcaggttct 180
 tgggggtggc tccagataca gcaaacagtc aggattaatc cacaagagtg agctgtcagc 240
 atgaggttcc cctacagtgg agcttgccaa ggtccgtggc tcccagggca cccgttccag 300
 ggctaacaga tgaagcatgg aaatgctgtg tggagtgagc tgacaccatt ctgaggagaa 360
 aacagacaaa tctctgccc ct 382

<210> 530
 <211> 401
 <212> DNA
 <213> Homo sapiens

<400> 530
 gaacagtcta aggtttgtag gacttgcgtt ccacctacca aagctaatacg agttagaagg 60
 ctccaaactg aggtgtcatt tctcattacg gtggtgagag gacgggacca cacactgtga 120
 agtcttcggt ccacatccc acacttcatt cttgccgcct aagttgtcgc cgtgggacta 180
 ttgaaagggt atcagcgata ttcattcttct ctataaatgg gatctgcttt ctacagtttc 240
 ctgccagatg tgtaaagatt gcaagaattg aaggattttc ttcaactgaa gacctttaca 300
 gatactcaga tgactgaaat cctcttatca ctggctggac atggtggctc acgcctgtaa 360
 tcccagcact ttgggaggct gaggcagaat catcattctg g 401

<210> 531
 <211> 387
 <212> DNA
 <213> Homo sapiens

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<400> 531
cccaggcctg gggcccggtg gaagtccatc tgacaacccc acccaggcca gggtcgaatc      60
tggaatggga gggctctggct tcagctatca gggcaccctc cccagggatt ggaaacggat      120
gacggggctc taggcgggtc tctgccacga gcagttttctt attactgtct gtggctaagt      180
cccctccctc ctttccaaaa atatattaca gtcacaccat aagcacaaac caggctccag      240
ggtcaccctg taggagcaaa ttccttgtag tccaaattgt atgagggcgt ggccacatca      300
gcacttagga gaggtctctg acaggtccac ctcagagcgg accctccaga gcaacttttc      360
tgttgtgaag aggctggttt tctgagt                                     387

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<210> 532
<211> 400
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(400)
<223> n = A,T,C or G

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<400> 532
gccttgtgcc cggccctggt cacttcaggg cagcctcagg agtaccctgc tcaggcctca      60
tctgctagga tgagccgacc tgggagaagc aaacgcttgg gatattttgc acagacagct      120
tggcagctgg gtgatgggag gggctgggca acgtggcctg ggcacaggca agtaggggaa      180
gtgtctccca gtctgagatg cattgtctgt cccagcactt caccaacctt ggtgctcctg      240
gctagagacc actggggaag gtggtattgc catagtttct tggttcaggg actcaggagc      300
ctcagctggg gcccaagaag gggctctgtg ggaaagcagg cacccaaagt ctggggaggt      360
cctgggggatg ggcctgggaa caagccagca tggnaccttc                                     400

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<210> 533
<211> 387
<212> DNA
<213> Homo sapiens

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<400> 533
gccttgtgcc cggccctggt cacttcaggg cagcctcagg agtaccctgc tcaggcctca      60
tctgctagga tgagccgacc tgggagaagc aaacgcttgg gatattttgc acagacagct      120
tggcagctgg gtgatgggag gggctgggca acgtggcctg ggcacaggca agtaggggaa      180
gtgtctccca gtctgagatg cattgtctgt cccagcactt caccaacctt ggtgctcctg      240
gctagagacc actggggaag gtggtattgc catagtttct tggttcaggg actcaggagc      300
ctcagctggg gcccaagaag gggctctgtg ggaaagcagg cacccaaagt ctggggaggt      360
cctgggggatg gcctgggaac agccagg                                     387

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<210> 534
<211> 379
<212> DNA
<213> Homo sapiens

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<400> 534
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aaaccagggtt tttagttaaa ctaggcagac ttttttgctt tgttttgttt ttttacttta      180
catacttcat gcaaattctc cttagccagt cttcagaagc cagtcttgaa tcagtgtcca      240
cagctgtagc agatcagtaa ttttaactgt ttttagcttc tggaaatccc ttgactgggt      300
cagctgacta tgcagtcatt tatgagaaac atctgaacac catagttaca agacagcagt      360
atccattcaa caatccaaa                                     379

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<210> 535
<211> 383
<212> DNA

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<213> Homo sapiens

<400> 535

cccttttgaa	ggagatcagt	tgctccctct	ctctttctta	gtgtttctca	gcaagactat	60
ttaacattta	aggccgtagg	cattaagaat	ccagggatct	gtgttttaga	gctgaatgtc	120
cttctccaag	ccaagctcag	agccaaagct	ctcaacagct	gaaatacctg	cttgctctat	180
tctttttaac	cagtgcagca	gtgcttcctt	ctaggataac	agagctcttc	tcatatattc	240
cattgactgt	tgaaatctca	gtaagggaag	cacttttcaa	aatgtcttgt	tatggaaagg	300
attgggcca	ataaatatat	ttcctgttga	aagtaacgtg	tactttcact	gaaggatagc	360
ttctctacta	cagctactgt	ttg				383

<210> 536

<211> 376

<212> DNA

<213> Homo sapiens

<400> 536

aagaggtctt	gcacaattcc	atcgaggcat	ccctgcggtc	caacaacctg	gtgcccaggc	60
ccatcttttc	ccagctgtac	ctggaagctg	agcagcagct	tgccgctcta	gaaggtggta	120
gccgagtgg	caatgaggaa	gaggaagaag	agggagaagg	agggctggaa	acaaatggcc	180
ccccaacccc	tttccagctg	cacctctctg	ctgaaggatg	ctgtaccaca	gacgggtttt	240
gccaggccgg	gaaggacctg	cgcttctgtc	ccatttccaa	cgagcccatg	gatgtccctg	300
cgggctttct	cctcgtgggg	gtcaagtccc	ccagcctgcc	ggaccatctc	ctgggtgtgcg	360
ccgttgacaa	gaggtt					376

<210> 537

<211> 383

<212> DNA

<213> Homo sapiens

<400> 537

cctgcatgct	ttaccagagc	ccagcctcca	gcctccacgg	aaaatgtgtt	ttggaatcaa	60
cactctttgc	aaaggctcca	cactgctttc	tggtagcatt	ggcctgggcg	cccaggcact	120
cctttagaac	ccacctgttc	ccccaccca	ccctagtggg	aggaggagag	ggttacactg	180
acagataccg	gcagctctgc	aaccgggaa	caacgcagac	aacatacaac	tcgacagagt	240
cacagaaggt	ggcgctccatc	gcgcctggat	ggtgactact	gccctgcggg	ctgctgggtg	300
ggtgaaacac	acaggggaaga	agcacaata	cacacacaga	tgtggctcag	ggacatttga	360
atgcttcagt	gtgtgaattt	tta				383

<210> 538

<211> 375

<212> DNA

<213> Homo sapiens

<400> 538

atttctagag	cagcagcagc	agcagcagca	acctcagtcc	ccccagagac	tcttgccgt	60
gatcctgtgg	tttcagctgg	cgctgtgctt	cggccctgca	cagctcacgg	gcgggttcga	120
tgaccttcaa	gtgtgtgctg	accccgcat	tcccagagaat	ggcttcagga	ccccagcgg	180
aggggttttc	tttgaaggct	ctgtagcccg	atttactgct	caagacggat	tcaagctgaa	240
gggcgtaca	aagagactgt	gtttgaagca	ttttaatgga	accctaggct	ggatcccaag	300
tgataattcc	atctgtgtgc	aagaagattg	ccgtatccct	caaatcgaag	atgctgagat	360
tcataacaag	acata					375

<210> 539

<211> 420

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(420)
 <223> n = A,T,C or G

<400> 539
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 tcctgtcttc ctgagcacct gccccagctc agtgactctg ggggtactgg ggagaccatg 180
 atgttgctac caccttagtc aggggttgggg gagcccccg ccaggtgccc tccaggatcc 240
 gcttccccac cctcctggg aagcctggac cagcatccct tcttgggtgg atggagcctc 300
 gtcctcatct ccagctacat cagtcattct ctgcagggca aaatctcctc ccctacccca 360
 gctgtttctg cagaanggcc ctggctgtgt tggcangact tcggtgtcca aggtanatct 420

<210> 540
 <211> 394
 <212> DNA
 <213> Homo sapiens

<400> 540
 gttgggacca cagacacaca gactacaggt ctggaaatct ctccaggcac cctgctttgg 60
 ccctctagaa tacagacagt tctgtctcta agaggccatc tgtgaggctc agtctcccaa 120
 caccctctgat tcatccccg tctcctgggt ggagacaacg tgctccttct ggacttcaaa 180
 gccagcccca ctaccctcgg agtctgtgtg ctgggctggg acaagtctct gctttgtacc 240
 cactctgttg ccgtgaacct gtgacctata cttctcagcc ttgcttttct tatctgtaaa 300
 atgggaatag tcaactggatt tatcttaaag ctgaggtcac tgggtgtctgg gcttgaaaga 360
 gaaccggctc atagggaccc tcactcacga gccc 394

<210> 541
 <211> 378
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(378)
 <223> n = A,T,C or G

<400> 541
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 gcccacacct ctctgtatgc agctccccc attcagcgt gcgctcaggc atggcagcca 120
 cccgttacgt gggggagggt tgatatgcat ttattgaggt caaataaaat gctggaaatt 180
 ggtgcctggg gacactgtca gggttgggtg taccctagca ggtcggccca gcccctgaac 240
 gcttccatca ctgccgaaag ccctgtgagg aggcgcagag ctgagcattc cccgccgttg 300
 cgtgggccc nntntacctg ncgcntnttt cctctttgct gcagagccca ttgggtannn 360
 gcggccatgg ncantcaa 378

<210> 542
 <211> 382
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(382)
 <223> n = A,T,C or G

<400> 542
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 gactgaccct atgttcagag gaatttatag gggggttcaa aagcatcaag tttatgatta 120

caggtggaaa	tctacaagac	agtaaagatg	cactgcattt	ggcacaaaca	aatggatatcc	180
tcatatttct	tttaccaaaa	aaaaaatgaa	ttaagtaatt	ttgaagaagt	ctttctgaaa	240
actgcttcag	gtatgttttt	cagtacagtt	ggatgtcatc	ctacaagatg	tggtgaattt	300
gaaaagaata	accctgatct	ttacttaaag	gagttgctaa	atcttgctga	aaacaataaa	360
gggaaagttg	nggcaatagg	aa				382

<210> 543

<211> 382

<212> DNA

<213> Homo sapiens

<400> 543

acagcatggt	gaagcctatc	cccagtcac	agtgatagaa	gttcttagtt	aaagacgaga	60
atctgtttac	tggcctcgag	acattgcact	gcacctggga	agggcaggta	gtccgtgtgc	120
tggtccttcc	agctttccag	ggcggaagtg	gtgaggggtg	gcgtttctga	cttcgtggct	180
gctctctgga	gactgctcag	tatctttgca	catgccaccc	tgagatgcat	gaccattgat	240
agcctggttt	gcctgtaaga	caaagcagcc	ccaccatgca	gtaggcgcca	gctgtatacc	300
tcacttggtg	tcacctgcag	ccttgccagc	tgaggcagat	gcacctgagt	gtgagggcg	360
caattgacct	gttcctccat	gt				382

<210> 544

<211> 378

<212> DNA

<213> Homo sapiens

<400> 544

gggcgggagc	gtacagcacc	cggaggaacc	ttgattccct	gccccgcaag	cccagcaccg	60
gttttgccgc	cttgtctcga	agggctcaacc	aggccatctc	ctgcctcggg	acggagagcg	120
ccctggaaaa	ggcggagggg	cgcaccttag	tcacacaaga	gcgatggcaa	gattttcacc	180
caagccatct	gacttggaac	ccatggatta	accaactgcc	actggaggca	aatccagaga	240
ccaagggagc	agtttatata	gaaacagaaa	aattagccgg	gcatgggtgt	gggcgcctgt	300
agtcccagct	actcggaagg	ctgaggcagg	agaatggtgt	gaaccagga	ggcggaggtt	360
gcagtcagcc	gagatcgc					378

<210> 545

<211> 402

<212> DNA

<213> Homo sapiens

<400> 545

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catggagccc	cagagggata	tgcaacgaag	catgttggtg	aaggctctga	accaaggacg	120
ctgtacagat	ttcgccctgaa	ggtcaccagc	ccctctgggg	agtgtgagta	cagcccactc	180
gtctcagtg	ctacaaccag	agagcccata	agtagtgaga	cttgccaccg	gctgtcagtg	240
tgaatgatga	agatttgctg	gtccgaatac	ttcaaggagg	ccgtgttaag	gggtgatgttc	300
ccaataagtt	tggttttacc	gctctgatgg	ttgctgccag	aaaggataca	ccaggcttgt	360
gaaaatccta	gtttctaata	gcacagacgt	gaatctgaag	aa		402

<210> 546

<211> 380

<212> DNA

<213> Homo sapiens

<400> 546

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ggggggcaag	gaagcacagg	ccctgggagt	cccggggggc	tccgctgaga	cgacagaagc	120
cgagtggggg	cctgggcctc	ggcccagagg	caaaagggcc	cgccttaatg	ttgcagcccc	180
ttgccaaacc	cgccccacac	atthttgtgg	cctcatgggt	accgagcctg	ggctacaagc	240
agaatgacca	aggcccagga	atacctggtc	cacgtggccc	cacactgcgc	caacttccta	300

gtgccctctc	agaacctaca	cctgaccctg	gccctgctgc	gactggcagg	cgctggggag	360
gaggccgctg	ccattggagc					380

<210> 547
 <211> 392
 <212> DNA
 <213> Homo sapiens

<400> 547						
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ggactggagc	cccagcaatg	tgcagaagtg	gctcctgtgg	acagagcacc	aataccggct	120
gccccccatg	ggcaaggcct	tccaggagct	ggcgggcaag	gagctgtgcg	ccatgtcgga	180
ggagcagttc	cgccagcgct	cgccccctggg	tggggatgtg	ctgcacgccc	acctggacat	240
ctggaagtca	gcggcctgga	tgaaagagcg	gacttcacct	ggggcgattc	actactgtgc	300
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catccacctg	tggcagttcc	tcaaggagtt	gt			392

<210> 548
 <211> 379
 <212> DNA
 <213> Homo sapiens

<400> 548						
ggccacgtct	tgagcctggg	cgccagcagc	ttcgtggagg	aggagcacca	gacctggtac	60
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ggagatgacg	gtgagcctcc	gtgtggcctc	tgtgtggaac	aagggcattg	cggggccaca	180
gcagcgtggc	aggacgggcc	tggctgtgat	gtcctggagc	gagacaaagg	ccacggaagc	240
ccctctacct	ccgaagtgtc	cagaggccgc	gagaagtgga	tgggtgctggc	cagtccgtgg	300
ctaatactgg	cctgctgccg	gctgctgcgc	tcctaaacc	agacaggtgt	gcagtgggct	360
caccggcctg	acctcgga					379

<210> 549
 <211> 464
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(464)
 <223> n = A,T,C or G

<400> 549						
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aacactaagt	ccatggaaaa	caggccctgg	gcccgctgat	gtgcataatt	ccacgtttgc	120
cccccatgta	accaggatgg	taaattacag	gtgtcagata	atcacgctct	ggagtggcta	180
cttgaggatg	cgatcgacca	atttaagctc	cgtctgacac	atgatcaata	gcccgatgatg	240
ctgcatggaa	ttgcaggcac	agcgtccaaa	cctgcagagc	agtggctccc	agctgtggca	300
actttgcccc	ccagaggaca	tttggcaatg	tctggatatg	tttgcaattg	tcacaactag	360
gagaggggga	tgctattggc	atctggcgag	tgaggccaag	gatgctgcta	aacctcccat	420
gatgcacagg	agaaagtccc	cacacagacc	attctgggccc	aaat		464

<210> 550
 <211> 458
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(458)

<223> n = A,T,C or G

<400> 550

cccctactng	anactcttta	aacaagctct	tggtcttttt	gcaggatccc	atcgattcgc	60
ttagtctttg	gcttttgctg	acattttccc	ctcttatctt	ttctcctgac	caagttctag	120
gtatttcata	gggcagtcta	ggtgaggggt	ggaaccccaa	tgagttgggc	aacagaaacc	180
cagctcacac	tggctgtcac	tgtgggcaag	ctgttcccct	catctctaaa	agtggagatg	240
agattagtgt	atgagtctgg	cttcatttca	actgtgtgtg	aaaaaaaatt	gtaaaatttt	300
ctttctgggt	tacgcaagtt	aaaagtttat	ttctctcata	tgaaaggagt	caaggcagac	360
agaccaggat	ggggagggag	atgtctacag	ggtcaaggac	ccaggctctt	atttcgctgc	420
tgacgtcctt	agtatgagge	tttcaccttc	caggatgg			458

<210> 551

<211> 400

<212> DNA

<213> Homo sapiens

<400> 551

ctggcttcct	ggccaaagag	cccgcgcagc	gaggtggggg	tgggggctgg	gacccagctc	60
cgtgccccgc	cacctggctc	tctgggaaga	atcggacctg	tcacctcga	aggactggcc	120
gctaaataac	ttcgggtattg	agagctgtgt	gagcctcaaa	gggagggccc	agaccagctg	180
gagtctctac	ccccagacag	gataaagggc	aggacttggg	gtcataggag	gaggcggcta	240
acatgaaaac	aacttagggt	ggagagaagg	agggggccaa	ccaatctgca	ccctccctgt	300
gtctgtcccg	agtaggtgct	gtccccctct	cccttccttt	gccaccgatt	ggagggaacac	360
tctggaaaac	tcagttgaag	aaagcggaga	gtctgcgtgt			400

<210> 552

<211> 395

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(395)

<223> n = A,T,C or G

<400> 552

ataacatggt	caattttaaag	aaaaaaatct	gaagccactt	aaaagctact	gtttggcacc	60
gatacattat	tccagtaatg	aataatcatt	aaagatatta	ttctggatgc	agttaccatg	120
cagtgtatgt	aataaaaatgc	attagatgga	aaattgtatt	tcaagtaa	atatgcactg	180
gtagaaatgt	tttaccaccc	actaatatgt	attaattcaa	aaccaaatgc	caactggagt	240
tcgcctacac	gggtttgaat	ggcaggcagt	gatttggaa	tgggaggaaa	taggtttgga	300
tttgggtcaa	tagactgaga	agtgatagt	ggggcggggg	tttatgactc	aaactttaac	360
aggtgagang	actatgccat	ggacagaaca	ggcat			395

<210> 553

<211> 395

<212> DNA

<213> Homo sapiens

<400> 553

gatgaggggt	tagactgtgg	agtcgcataa	ggacttgacc	gccggcacag	ggagctggag	60
caaaccceaag	actggctgag	accattcatc	atgcctgggt	gagcacaatt	taaatctgga	120
aattttctgct	cagccagatt	acagaactct	aaatgacagt	atttaactgc	tgcttgagga	180
ccctggaggt	tctcccatgt	gacgcttccc	gaatcaagg	agggatgtgc	tctcctcttg	240
cctaggagga	ggtcctggac	tggctctgtt	ctggagagac	tggacacttg	gcacccctctc	300
ccaccatgaa	ctgcccccca	ccgcccata	aaatgttact	gctgggggtg	tgaacaagta	360
aacgtgtatt	attacctccc	ttgccagctg	aggag			395

<210> 554
 <211> 389
 <212> DNA
 <213> Homo sapiens

<400> 554
 agcagctggg gaggagccaa agcctcggcg ctcacctaag ccgcagggag atacacccaa 60
 ctgggagatg aggaaacagc aaccacagaga ggagaactaa cccacacagg atcatttcgc 120
 gaaggagcaa ggctgaagaa ccagacctgg actttcttag gcaagtaa atctgattata 180
 tcacggagac ttgctttgag aaatctgccc cttttcactg tgagatggcg tcattaacac 240
 atctagttct ctcctaagca gccagcaaac atttattata cactagatat tatattggca 300
 tttgagatga taaaaaggaa taaaatgggg caattagctc tagtaatttg gaggctcaac 360
 ttacggatat tccaagttcc tttgaaacg 389

<210> 555
 <211> 391
 <212> DNA
 <213> Homo sapiens

<400> 555
 gttcagcccc tagtgtcttc tgtaaggccc ctaacatcag tagatgggtca gttacaaga 60
 cctgcaaac catccctga tgcaagcact tctctggaag actcttttgc tcatttata 120
 ctcatgtggag acaacacagc tgaaaggagt cataggggag aaggagaaga agatcatgaa 180
 tcaccatctt caggcagggt accagcacca gacacctcca ttgaagaaac tgaatcagat 240
 gccagtagtg atagttagga tgtatctgca gttgtgtcac agcactcctt gacccaacag 300
 agacttttgg tttctaattgc aaaccagaca gtacccgatc gatcagatcg atcgggaact 360
 gatcgatcag tagcaggggg tggaacaagt g 391

<210> 556
 <211> 406
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(406)
 <223> n = A,T,C or G

<400> 556
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 taaaactata ataaacaaga ggaaatggca agtgtttcca actgagagg tcccagttgt 120
 aatctactgg cattctttta taggaatatt taatagtcaa ttctcaccaa caagaatgga 180
 cttcaaataa agccacattt tgaaacaata ggtgtgttac agcagcatag caacggctat 240
 aaagcaacaa ttcctaattc tacttatctt gctggctatt caagaaaaag gtgtagaact 300
 tccttactga gaggatcttg agttataatt tagtactaaa ttataagtaa tgnttgtgtg 360
 gatacaataa tgacacaaaa aatgccttcc tttaaaaccc attata 406

<210> 557
 <211> 386
 <212> DNA
 <213> Homo sapiens

<400> 557
 agaggagtgg tttctggctg aatactatct taggctcaag gagaaacaaa ataaaaatta 60
 gcttccaggc agcctgtttt taaagaaatg ggactaatgg gagaagctgt ttgtcactct 120
 aagagcatcc aagccctggc ctgtctgtgc actcttggt cctggggaga tatactctgc 180
 ttctaagaag gcaggccagg tcttgggcac agacctgcat ttgttgacct tgcactccaa 240
 ctatagtgcc ttgcaagtgc tcaacagtac atattggaat gaagtccta tgagagccat 300
 tttctggccat gttctatacc tcaaagttag gctggcagg acagagatga actgtcacat 360

gtgatacatt taagccactg gaaaaa

386

<210> 558

<211> 383

<212> DNA

<213> Homo sapiens

<400> 558

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cccaactggg	agatgaggaa	acagcaaccc	agagaggaga	actaaccac	acaggatcat	120
ttcgtgaagg	agcaaggctg	aagaaccaga	cctggacttt	cttaggacaa	acttactgca	180
gcttgaagga	gccaacctatg	gatttgaggc	gtgtgaagga	atatttctct	ggctctacta	240
tcaataccaa	atcattagct	gctgtgctgt	tttagagccc	tgggagcgat	ctatgtttaa	300
caccatctta	ctaaccatta	ttgctatggt	ggtatacact	gcctatgtct	ttattccaat	360
ccacattcgc	ctggcttggg	aat				383

<210> 559

<211> 376

<212> DNA

<213> Homo sapiens

<400> 559

gacagcctgg	ggaacgctgg	ggccctgctg	aatcccgggc	tctccaggca	cgaacagggg	60
catcccgcgt	ccacgccgcg	gggaggaggg	tttcaccgtc	tccagggact	tggctcgagg	120
aaattaaact	ctaattagta	gctcgagaaa	tggtccggga	tgggtgatga	gcgatcatcc	180
ttaaaagaaa	atgctattct	gggagctcca	acctgcaatt	aacctacaga	aggaaccttt	240
tgagaggctg	gtgcagcgct	tccgggaggg	agattaagaa	cttagttggc	ctggttgaag	300
ctctgtgagg	agcaaagcag	ccctctccag	gtgaactgct	tgactttacc	acctgaagga	360
gtatttactg	caagaa					376

<210> 560

<211> 380

<212> DNA

<213> Homo sapiens

<400> 560

gcagacagga	ggctggacag	aggggccgtg	tgccaggctg	caggggagaa	gctggtggga	60
gggtgcttgg	acagagtgtc	gggttttgat	ctgacccctt	gggggctgtg	aggtctgcag	120
aggaaatgca	acctcccagg	gctggagcct	gcctgtcac	ctgctcagca	gtgtggccga	180
ctgagcatgt	cacctctgaa	ctgcagatcc	tccctcctgc	aaggggataa	ccacagcccc	240
cccacacca	gggatcctgg	gagattaact	tccaggatac	agcagggcac	gcagcctggg	300
acacgctcgg	ggaagaatgt	cagcaaacct	tccctcctct	cccgtcctga	ccctgcagtc	360
acaccctcca	gggctatggc					380

<210> 561

<211> 404

<212> DNA

<213> Homo sapiens

<400> 561

cggctctccac	gggagccacc	ggtcctgaaa	gcgcggagca	tgctttgttt	gcggaaacga	60
aagcgaatac	ttctttccaa	ggagacttag	gaaagggcag	acgctcccac	tgctctcagg	120
gttccttgga	ggaccttcaa	gtggccgcgg	tgtgggcggg	ctagcgtccc	gctgctgcgc	180
tggttccgga	gcccttccct	tgcctctccc	agggctcctc	tcccagcgtc	ggaggaaggc	240
ccgccgtctg	cgagtggagt	gcgggtgggt	ggaatccctg	ggaggattac	gaaatcctta	300
aagtgggatt	taccaaacgc	attcctttcc	gctcacttcc	gttcccgcct	aacaaacgtg	360
ttggaaacgt	gttgctactg	aaaggaagtg	gcgctgggct	gcac		404

<210> 562

<211> 387
 <212> DNA
 <213> Homo sapiens

<400> 562
 gcagcccttg actcctaagc cccttcctcc ttccattctg catccctcc ccatccaacc 60
 taaatgccac agctggggct gagctgtatt cctgtggagg gacctctgcc gtgcctctct 120
 gaggtcaggc tgtgctgtgt gatgggcagg ctttgcccca gccaccctt ggcaagggtgc 180
 acttgttttc tggttgtac aagggtgtcct gggggcccggt ggcttccctg cagtgaggag 240
 tgactttctcc ctctcttcca gtcctgtagg ggagacaaaa ccagattggg gggcccaagg 300
 ggagcatgga aaaggccggc tccctgtctt ttccttggct gtcagagtca gggtaacaca 360
 caccaagagt ggagtgcggc cagcaag 387

<210> 563
 <211> 383
 <212> DNA
 <213> Homo sapiens

<400> 563
 aaacgggatg gtttatagga gttcccatth ggttgaaagc tagaagccct aattgacctt 60
 aaagtaacat gctatgggat ggtgggattg tccctctga cagcacatat gaaatagtct 120
 atctatataa tagaaacgca cacacacgaa agagaatctt ctgacttaaa tacaactttc 180
 atggagttct tcaccactta tctgtctctg ttaaaatctg aaaatctagc ccatgggctaa 240
 aatctattat atgtgttctc catatttctt gtataagcca gtccccagca tctgatgttt 300
 tgagaagtgc atggagtttc ctaaactttg cacagaagaa tatcctgggg ccgggcatgg 360
 tggctcacgc ctgtaatccc agc 383

<210> 564
 <211> 156
 <212> DNA
 <213> Homo sapiens

<400> 564
 atgccaatta catattttatt tttccatacc tgattttttt caagtctgta ataaaaaaag 60
 tataagttga gattaacata gggtattttt catgaagtat agcaaacgat ctagaatgtg 120
 ataggagtgt gggtttccatt tctttttttt tttttt 156

<210> 565
 <211> 465
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(465)
 <223> n = A,T,C or G

<400> 565
 tttggnct taaacatttg ntgcctttnt gcaggatccc tngnttctna tncggcacga 60
 ggttcctctg agctgcctac agatcaggcc tctccaaggc cccctccga aagaagaagg 120
 gcagcaaagg ccccgatgc aaaatcacgc aaatgtcaga gaagtacttc tcgcaggagt 180
 cggaggtctc agagtaaggc ggctggaccc caggaacccc agggcactcc actgcagcag 240
 gagggactta agctagactc aagaaagcag cttggagcct ctagggttag aagagaggca 300
 aaaacctgat attgaactga gagaggggtt caaaactgac tgtgttttgt gggctgccag 360
 ggtgggagag gagcatcacc agtcctcag agccactccg ctccatatca agtatctcac 420
 aagtcctatc cttccacctt ctgggcagaa ggttttctga tgggg 465

<210> 566
 <211> 450

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(450)
 <223> n = A,T,C or G

<400> 566
 tgaancccta nacaagctnt tgntctntnt gcangagccc ttcgattntt ttctncccc 60
 agagcttagc aagacatgat cagcctggat tacagctgcc ctcacgtaac tgggttaaag 120
 tgttggccta cttaggcccc tcttgacgtg gcttccttca aagctgatga ggccgattag 180
 ggtgctattt ctgagatcta gtcgtgtacc cagaagcctg agggcggtcc tcccctgact 240
 agaaagacaa tgactaaggc tggacagcca agggcagagt cagatttgcc cataggagag 300
 cactgccgtc agaactcatg tatgcttgta aaagaaccaa ataatatcaa ggctaagtcc 360
 ctggattttg aacttcaaaa accaaaccaa ccaatcagtt ttcagggata ggcctagtcc 420
 tacacctttg ccatcttcag aacttaaga 450

<210> 567
 <211> 442
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(442)
 <223> n = A,T,C or G

<400> 567
 tggaccnnt gaagcccttg tctttttgca ggatcccatc gattcgtggg tactttatac 60
 aaagaaaatt cagcccttcc tgctgtgtct tcaaattatg cagggtagga taatctgatg 120
 ctaacttttt ttttctcttt ggttcttgaa tagcttagtt tctttaataa caagtcaaac 180
 tttattacaa caataactga agttattctt ttaggttctc gtgaaattct cactgaaagc 240
 cacattctta gcctaaggca tttcatcttt tatgatataa aatgatggct atcaaagatg 300
 tttccataca ttgtactgat caagttatac acccaggggt atatacactt tcttcatggt 360
 tcttctttgt atatttgggg actgtatcgt catagatgta catattgtgc ggtagggcta 420
 tgaggcatgt tacaggaatg ta 442

<210> 568
 <211> 442
 <212> DNA
 <213> Homo sapiens

<400> 568
 accctttgac tttctgcagg aaccatcga ttcgctgggc agttcagtc ctatgaatgt 60
 ctcttctaca ggaggctacc ctgcccctgc taccctggga gaagcctcag ctttctgggc 120
 agagtttgtc tccctgtcat ttatactctc aggccttata catttacaca gtaagttctc 180
 cctcctggag ggttaaaagg aataatttca acagggtgaa ggcctggcac ggtggctcac 240
 aactgtaatc caaggacttt gggaggctga ggtgggtgga tcacctgagg tcaggaattt 300
 gagaccagcc tggccaactt ggtgaaaccc tgtctctact aaaaacaaaa attagccagg 360
 tgaggtggca cacacctata gcccagcta ctgggggagg ctgaggcagg agaattgctt 420
 gaacctggga ggcagaggtt ac 442

<210> 569
 <211> 424
 <212> DNA
 <213> Homo sapiens

<400> 569

aagatggtaa	gctagatttg	acaataccac	atgcttcaaa	atntaggtt	gggaattgaa	60
tcttttgtaa	tcatatgtgg	atatataaaa	acacattttt	aactcttaaa	tgtattacta	120
ctgtaataat	tagataaatt	tgggtctcatc	ctattacatc	caaattgcc	cttaaagtct	180
gggttttaaag	taagaagagc	aaggatcttc	ctggcaacta	taatagtcaa	agaaaaccag	240
cagtgtactga	agaaaaaat	gaactgtctga	gatgaaacta	tcactgtaac	tcccagcaaa	300
tgtcaatgct	atccttatct	tatacctgtg	attctggaag	ctttcagagt	ttctctttga	360
gacttgctcc	agtaaccaga	tctaaacttt	tccttctctc	ccagttagcc	agtcagtctc	420
taga						424

<210> 570
 <211> 394
 <212> DNA
 <213> Homo sapiens

<400> 570						
gctctgcggc	gccgcgggtcc	cggcaccccg	ggccctgtgg	ctcgcccatc	gtattctctcc	60
tttactcagg	gggacagctg	gggtgaaggc	gaagtcgacg	aggaggagg	atgacgacaa	120
gtggcccgcg	acctgcgggc	ggagtctctc	gctggggcgt	ggtcagagcc	cagaaagcgc	180
tccgtgtctcc	cgcgcggacg	gaacgggtcg	cccgttctgc	ccgataagcg	caatgggtatc	240
tttcccgcgg	ccgcggggcag	cagagcccag	cctcggcggt	ggccgggtcca	ggcctctctc	300
ttctctgtct	gctgtctctc	gccattcttc	tcgccttctc	cctcgcccatc	gcctacttga	360
tcgttaaaga	gttgcatgct	tagaaattga	aaaa			394

<210> 571
 <211> 398
 <212> DNA
 <213> Homo sapiens

<400> 571						
tccatctctt	cttcttagta	ttcatgtcta	ccaaatgctt	tctttggctt	cctctgaaag	60
aagccagttt	cagcaagtga	gtttgtgatt	ctttctcctt	tcaggtacct	gtttcccagg	120
caactactga	tcaggcattt	ctggacccca	aaacaacaaa	ctgatttctt	agatatctat	180
catgctttcc	ggaagcagtc	ccaccagaa	attattagtt	atttagaaaa	ggtcacccct	240
ctcattttctg	atgcaggact	ccggtggcgt	ctgacagatc	tgtgcaccaa	ggatttctctg	300
cagttaaccc	ttcctacaaa	tgtggaatct	tgttagattc	agtgtgcact	aaactaggt	360
agaggagtag	tcaggacttt	cctaaccatc	accaatct			398

<210> 572
 <211> 387
 <212> DNA
 <213> Homo sapiens

<400> 572						
gttgccatac	tcttgcatatc	acaatcggtt	atctagtttt	tgattgtttg	tgtgtatggt	60
gtgtgtctgtc	tctctgacca	gatttcaggt	tcctgaggcg	agcctgcagc	tcatactgct	120
catctgtcct	ctcctgtggt	gggtgtcag	ggcctctcac	tgtagttac	tccctccttt	180
ctgcccagtt	ctgcactcaa	ctagtagaag	cagccatcct	ttccccaagc	aggaaattgt	240
agtggctgcc	cttaagagca	gtgtgagggc	agaagattaa	gggaggggaa	gagtcctctg	300
aactggaaga	aggtaaatac	tttgccctga	gagggcgccg	aatcatttta	ccaaaatagt	360
aaatggaaaa	agtgtcaaag	ggtgggg				387

<210> 573
 <211> 383
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(383)

<223> n = A,T,C or G

<400> 573

acaagagccc	ctggggagta	ggtggtggcc	tgtgccgtca	tccccatttc	aaagcagggga	60
gctgaggtcc	tgggagggga	aagtgccttg	ctgaggtccc	actgtgttag	tgggtgggca	120
ggactggaac	tcggttctcc	aacagcccag	agctcactct	tttacaccca	naggtggagc	180
aggtggctta	gggggtggta	tgtacttcac	aagccaattc	ccttcagcca	ggagctcctg	240
ggtgcatttc	cgtgtcagaa	acagtaccga	gtcccacccc	ctctggaggc	acagctgttg	300
cgtcaggcaa	ggtcacctgc	atttatttat	tgagcagcaa	tgctgtgtna	ggcccagggga	360
ccganccct	ctcctgttnc	cta				383

<210> 574

<211> 381

<212> DNA

<213> Homo sapiens

<400> 574

ccaaagcaaa	tgtattttta	aaggcaaatg	aggtttatta	agaagagaga	aatggcagat	60
gtctccgaga	ctgaagtctc	ttgatcttga	gagtagggtc	tggctctctgt	ctctttactc	120
tagcacattc	ttggtctttc	cttttcaaga	tgagtgcctt	tttgtgcttt	gcaccccata	180
ggtggttatt	aaatacatgt	tgattgggtg	gttggctggt	tgtctgggta	gaagtggaga	240
gtcagagcta	ggtggaaata	gcacttgcaa	ccattgcagc	tgctgttgga	atgacacagg	300
caagagatca	cttttgggcc	aggcgcggtg	gctcatgcct	gcaattccag	cactttggga	360
ggccgaggtg	ggcagatcac	a				381

<210> 575

<211> 375

<212> DNA

<213> Homo sapiens

<400> 575

ccaaagcaaa	tgtattttta	aaggcaaatg	aggtttatta	agaagagaga	aatggcagat	60
gtctccgaga	ctgaagtctc	ttgatcttga	gagtagggtc	tggctctctgt	ctctttactc	120
tagcacattc	ttggtctttc	cttttcaaga	tgagtgcctt	tttgtgcttt	gcaccccata	180
ggtggttatt	aaatacatgt	tgattgggtg	gttggctggt	tgtctgggta	gaagtggaga	240
gtcagagcta	ggtggaaata	gcacttgcaa	ccattgcagc	tgctgttgga	atgacacagg	300
caagagatca	cttttgggcc	aggcgcggtg	gctcatgcct	gcaattccag	cactttggga	360
ggccgaggtg	ggcag					375

<210> 576

<211> 379

<212> DNA

<213> Homo sapiens

<400> 576

tggattgtag	gtgagcctca	gatcttttgt	tttttagtga	gaggtggacc	ttgcaggaga	60
gagccctccc	ttctctgttc	tgcggctgcc	gcactcccca	ttgctgattc	ccattgcagg	120
gtacttgcat	ggtcacccca	tttgccctac	tccgtggact	cttttctggg	cattgagtag	180
caggctcagg	gtctgagcac	agggagctcc	ctggagagaa	tgttgcatct	ctcacttccc	240
atcccgccac	cccgtgtgta	gccccctgcc	tggattcact	tcccctggaa	agtttctgcc	300
catgaagccc	caaaggcaga	ggagagtga	gagtgaatgc	cacagctggg	tctaggggct	360
ctgccaaaga	tgcccacag					379

<210> 577

<211> 384

<212> DNA

<213> Homo sapiens

<400> 577

atccactcct	ctgcagggaa	tatggaaatc	tttccctcat	ttatggctaa	ttaggcagta	60
tagcctcatt	aatcatggga	tgacagtaca	gtgtgggtga	aagaggatgc	tgtggagcca	120
cacaaacagg	gttcagagcc	cagctttcct	gccctaattg	tggcactgtg	caggtcagcc	180
ctgtttgtctg	taaaatgggt	gtaacacaga	ctaattgtga	gggtgggtgc	agggttagag	240
aaaacttaca	tgacaggcaa	agcagcgtac	tttgctcata	gaactcaata	aactgttcct	300
ctgtaattat	tattaataaa	cattattgca	gagtatgggc	acagtggctc	atacctgtaa	360
tctcaacatt	ttgggaggcc	gagg				384

<210> 578
 <211> 383
 <212> DNA
 <213> Homo sapiens

<400> 578						
gggaggagga	tcccgtcctc	atgggtgcgg	gagcaacgtg	gcgtgggagt	gacgtttctg	60
ggggagaggg	ggcagaagag	agcgcgaggc	gagcccgggg	ccaggggcgc	agggaaatagt	120
ggctttggag	ctagcgtctc	gccgaccaga	cagtaggaca	catgctgggt	tcgcctactg	180
agatggcttc	ccacccgtaa	cctgcttgga	gattcttgac	actgcctgcc	cctctgacat	240
cgctgccctg	agatggctct	atagagccag	aggactggac	aggacctgcc	tcccgtcctg	300
ttggttccgg	cctcaggctt	aggacaatgg	ggtgttccta	gcacccgagc	gggcctcctg	360
gtcacagtgc	gccttttagg	tgg				383

<210> 579
 <211> 387
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(387)
 <223> n = A,T,C or G

<400> 579						
gccgctcccc	agcaggacag	ggtaaccgcc	gaggtggggg	gcttcttgtc	cgteccagcc	60
cccccaactc	aggccctctc	gctgcccctg	gcgaccaccg	cgtgcgccct	tccccagggc	120
gggcgagtc	ctggacgcct	ccgccgagcg	tgactgcgtg	cattttctct	cctttccctt	180
cccaacctgc	ggagagaaga	cagccccaga	gccgtgtctc	catectctgc	tgatgcctgc	240
tgtctttatg	ttggcctcgt	cgncgcact	gcagtgtggc	aggggcgtcc	ctcgtttccc	300
gcggaactgag	gtgggcgccg	ggcattcagt	aaacgaagaa	accaaagcgg	agaaggttgg	360
gaatcaaacy	tctgtcatat	ctgccac				387

<210> 580
 <211> 401
 <212> DNA
 <213> Homo sapiens

<400> 580						
tcagatccga	ggacatgttg	acgtcgtccg	agagtcttaa	aatcctgctg	tggccggatt	60
ccagactcgt	gggggaaagg	ctggatctta	atgcaagtca	tgaacttgaa	tgtgccgatg	120
aggcctggca	ttcttgtcca	gagacagagt	aaggaagtgt	tggccacacc	cttagaaaac	180
agaagggaca	tggaggcaga	agaggagaac	caaataaatg	agaagcaaga	gcctgagaat	240
gctggagaaa	ctggtcaaga	agaggatgat	ggtttgcaga	aaatacacac	atctgtcact	300
agaactcctt	cagttgttga	aagccaaaaa	agacctttaa	aaggagtgc	atcttctagg	360
gaggtaattg	ttgtggatct	tgggaatgaa	tcctaccct	c		401

<210> 581
 <211> 382
 <212> DNA
 <213> Homo sapiens

<400> 581
ccacccccga ttcctgacca tgccccctat cttgtgattt cagacttggg agagcaaaaag 60
ggagggggaag aaaataagag taatgggggg aggaaggaat gcatgggtct gccccttaga 120
gcaagtctga aaccagaatc aagagtcctc ctccccagtg ggctgtgtg ggggaagagg 180
ggcagcctgc ccaggggtg caagaggaca gcaattcagc ttccaggcca aagcagttta 240
gacaaggtgt gcccatcagg actccctcca ggccctggct gtttaccatg tcaactgccta 300
ctgtgacttc atgccctttt gggataaaga acacaaaacg catggaacaa ctatccatgg 360
ctcttagcca gaaatgtctt gc 382

<210> 582
<211> 381
<212> DNA
<213> Homo sapiens

<400> 582
cagcctcctg catcatcctc gtcttcatct tcttgcggtg cccctcacc gactactaag 60
gcccgccagg cacggctgct ggcgagaca agcactgaga catgtttatt ctcatggtcc 120
ctgaaacgca ggatcccatg aggttggggc agggcagggc ttcttgcctt ggggccccct 180
tgagctgtga actgggcagc aaggccatca gaagctgagt acagcaaggg gcagtgaact 240
tggccctcag tccacccctc ccgcctcctg gcctccggcc tgctgtgtc tggggcctgg 300
gggcttctcc cctcgtgctg gcacctggc ttccagcgtc tgtgtccctg cctacgtgcc 360
ccttccaggc tcttggggcc c 381

<210> 583
<211> 387
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(387)
<223> n = A,T,C or G

<400> 583
gcgagactct gtctcgaaaa aaaaaatcac caggctggct tacaaaggat ggggtttttt 60
tactgtcggt tccagagatg tgattctgga ggtcaaggca gggcccaggg acacacagg 120
ttaataggcc catgggggtt ctgtgcagtg cctcgggtca cacctggaga accgttgctc 180
tgattgggat ttctccaccc gggctgtgct ttagaatcaa gaagaagcgt tgagatattg 240
ggatgacctg gtctgtctcc catgctgggc ttctgggtta ctgggatga gattgcatcc 300
agacagagtt ttaaaagtgt cccggttagg tttaatgtac agttgaagtt gagacatgaa 360
tctctgcatg taggggaaat tntgtgt 387

<210> 584
<211> 387
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(387)
<223> n = A,T,C or G

<400> 584
attcccaatt tcacaaattc ctcatgtctt tgagatttga tcagtttgtg aatattttat 60
gctttgatga tatagtgaga atgcatcact tgcaaaaacg atctcaaaag tgtcagcctt 120
agataaacgt tcagcattaa aaacgcctat tatttcattt actagcattt taggatccag 180
aagaattcca ccagattgca tgagttagat tgggaaatgg gagggggaga taatattgga 240
ggatcttatt ttaagtcagg ggctttacta gccgatttag ttctcacaat aaccatgtgg 300
agaagctgtg acattttttaa tttaaacctt ttctggggct cagacataaa gttacctatc 360

caaggggtgca gttgggtagt ggnggga

387

<210> 585

<211> 391

<212> DNA

<213> Homo sapiens

<400> 585

ggaaaatctg	ttttataatt	ccctaaagct	acaattacat	gcaaactgga	ttcttgaaat	60
aaaacacaat	tgaattttaa	tgacatctac	atgaaaccca	ataactcgat	tacattgttt	120
taatgttctt	aatgtggtca	aaggcagccc	atggctttat	catcaattag	gtaagctttt	180
gagggaaatt	ctgaaaaatg	gcaagtcctc	acgtgtggac	tgacaactga	gcaatttgcc	240
tgctgtgctt	cagaaagaga	ggccagctct	gtgaggtgct	gtcgaaatga	ctgaaaacca	300
cccactgcgg	atttctactt	ccctctatga	aaaccagcct	tctcagggat	tatcaccgcc	360
aataagaagg	gaaaattgcc	tgcacagttg	g			391

<210> 586

<211> 392

<212> DNA

<213> Homo sapiens

<400> 586

cccagtcac	aatcacataa	ggagtttgaa	gaattgttaa	atgtaagaac	tagcccaaaa	60
gtccaaataa	ctgcatcagg	ggagttggga	aaattgtttt	tcaaaaagat	tttgtgggtc	120
agtacttatt	ttgaattaga	caaaaattaa	gaaagacatg	gtaatttttg	ctagtgaat	180
tctaaaatgt	atacataaaa	gtgttgaatt	tttaataact	tgatttcac	atctgaatta	240
ttcctatgct	gtttaaaaca	ggtcatttcg	gtgactttct	caagggctgt	gaaggctttg	300
tacatagata	actagaccaa	aaccaacaag	ctgtagtatg	aatgtactg	tcactctcat	360
tatccagata	tttatttaca	actatttaat	ga			392

<210> 587

<211> 386

<212> DNA

<213> Homo sapiens

<400> 587

ctttgctgtg	tgagtgcagc	tatcatctat	ctgtagcaac	aggaaagtaa	tgagggcgac	60
agtggggcac	ttgctttgat	tccctctttc	ccatgccctg	tcttaatata	cttctctgca	120
gctgctttcc	tgacagctaa	cttgctctca	gattgagcac	tttcaagctt	tttgtgtatt	180
tctgtctttg	gcaggatttg	gcataggaat	tggtgcatgg	aggagaggag	tgtatgataa	240
aggatccatg	cagtccttcc	tttattacac	atatagtctg	gcttgctgtg	gaccaaatta	300
atattctcct	cccatcgac	tacaaaaaaa	ttggactacc	acgctacaag	tgtgtctccc	360
ccattccacc	tcctgatccc	tcccca				386

<210> 588

<211> 376

<212> DNA

<213> Homo sapiens

<400> 588

ggtttacttt	acacatthttt	gattcagtc	ttaacccct	gctatthttt	ccttctcagc	60
ttctctgagc	tgctcttctt	ttccatctca	acaaattcct	tgtccacacc	aagggttaatt	120
ttgccccatc	tgtgggttagt	taactcacia	atgatctttt	acagcttctt	ccccctggag	180
ctgctgggtg	tttttatttt	cagcctttta	aaaaatgtta	cagagtggag	tgctctgccc	240
actccccacc	ccacaacctg	ctgtggcacc	tctggatggg	cagagggctt	tgtgtgggtc	300
gtctcacctc	ctgtggactc	gtgactcagg	ctgtcccttc	aactgatcaa	ccaagacaat	360
ctttttttcc	tgtcaa					376

<210> 589

<211> 376
 <212> DNA
 <213> Homo sapiens

<400> 589
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 tgtgcagtgg ttaattgaaa ttattcaggc aagagatgat ggtgtcttgg accaggggat 120
 gaggaaggct acaaaatgtg tctacctgta ttctgtgagg agaactgtgt ccctgggttt 180
 agatactgtg aagatggatc aggagagagt ttatctagac tgttggggaa ggggtgttgcg 240
 attccttcag ctacacagga ttgaaaggag acatttctga aggggaaaaa ggaaatgaaa 300
 gaaaagatgt ttcagattga ggatattgct tgtggtgaac ttgttcttca ctctgtaggg 360
 ttcacaaatg actctt 376

<210> 590
 <211> 392
 <212> DNA
 <213> Homo sapiens

<400> 590
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 gatgagacca gtatgaaacg gagggccacg ggagggcccg aggggagcag gcgacgctca 120
 gctatggggtt accttctctt tgggaccgat ggggtgctggg gaggatcccc catttgcatt 180
 tttagccgcac cccctgagcc gtctccgttc gaccctggga tcctccagat cccagattct 240
 taggaaggac cttggagatc agctggacca gcccctgact tgcttggttt cgggaagcgga 300
 aaccacgagg tgcccttagc tgtcaaggat gctgtgggaa gagtggagcc tcgaaccgga 360
 gacgctagac ccaatttggg gcccatggga gg 392

<210> 591
 <211> 387
 <212> DNA
 <213> Homo sapiens

<400> 591
 acagcactgc aggagtcggc agccagtgtg gagcagtggg agaggcagtt ctccatctgc 60
 cgtgatgaga atgaccggct ccgcaacaag attgatgagc tggagaaca atgcagtgag 120
 atcaacagag agaaggagaa gaacacgcag ctgaagagga ggatcgagga gctggaggca 180
 gagctccgag aaaaggagac agagctgaaa gatctccgaa aacaaagtga atcatacctc 240
 agctcatgtc agagtgcgaa tatgtctctg agaagctaga ggcggcagag agagacaatc 300
 aaaacctgga agacaaagtg cgttccttaa agacagacat tgaggagagc aaataccgac 360
 agcgcacctg aaggtggagt tgaagac 387

<210> 592
 <211> 380
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(380)
 <223> n = A,T,C or G

<400> 592
 aatcccttct gcagcacctg gatcgctttt ccgagcttct ggcgggtctca agcactacct 60
 acgtcagcac ctgggacccc gccaccgtgc gccgggcctt gcagtgggag cgctacctgc 120
 gccacatcca tcggcccatt tgcgtcattg cccatttgcg tcattgnccc aaacctttnt 180
 ttgccanana tcngtgcttt atgcnanana tntgtnantg gnttnnatna ttanaaagac 240
 canttngcnn gnnntanttn tttngtaagt nnncgntctt ctttccantt ttaaatagcct 300
 tnttanatct gngtannta anttnncant nntantantn tgnnanaaaa ggagtttnac 360
 ngaannnaan tcccataat 380

<210> 593
 <211> 458
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(458)
 <223> n = A,T,C or G

<400> 593
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 aacaggggag ggagagtgga ggaaggaggc gtctcaacat ctggaacat atttccatca 120
 gatgtgtttc tcaagcactc tgccactcct ttctacctct cctgcgtttg atctgaggac 180
 ggcccgttcc acaggaacac aaaggcacag aagatgaagt aacttgccca cggccacacg 240
 gttgacacca tgaaggctga acaaaggata tctgggggca aaatctgacc catgggctgc 300
 ccattgccac ctctgggcag ccctccttga tgggtgtggag tccgcggtcc gcattgggta 360
 acctaactgt gcttcctcag atcagtcctgg aattaattat tgaattgtat gcattttcaa 420
 tgccatcctc aagctaacag ccaactatgc gggggaat 458

<210> 594
 <211> 462
 <212> DNA
 <213> Homo sapiens

<400> 594
 tttatacaag ctcttgttct ttttgcagga tcccatcgat tcgaaaacct aaaagaaagc 60
 gaatgaattt gacacctgtt ggttggatga cagaccacac agagggagag tgaccaggct 120
 ttgcttgttg agcgggcac cctgcctagc tatctccttc atgtgcaagg acagtataag 180
 tagtattttg catgtgagta aacacacctg cgcagccctg gctgagggtca ctaggctggc 240
 cagagggcag acaggcagtc ttgaatttcc tctaggggag gcctgcagtt ttccccacca 300
 accccttttc acatgttcca aagatgtagt agtgtctgct gttttggatc gaaaatcacc 360
 ttgagtggag gaagtgactt cactgggtct ctggaggctc tcggagcttg agtggctctg 420
 cccaccctga atcatgcacc cataaatgca ggtatgggtg ga 462

<210> 595
 <211> 437
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(437)
 <223> n = A,T,C or G

<400> 595
 tagaccctcc ctngnncntt ttgcaggatc ccategatcc gcttctttcc aaaacccttc 60
 tttgttctag atagctgtgc tgtagtgac tgccctagcc ctgcttttgt gctgacagag 120
 gctgccccag caggcctctt ccctccttcc agagggaaact ttctgttggg tgcagctgac 180
 tctggctaga ggccctttct ctctgcttg cctgagtcct ctcaagactc tgtcactctg 240
 ctgtgcactg ctccgttccc gttccacatg cctccctgca aagaacccca gtaaggagaa 300
 acttacaaca atggggcagg cgctgatcag gaccagcaag attcagagtc agagcactga 360
 ggcagggtt gaaatgtctg acatcatcac acagtccac ttccccgtgg ctctccaga 420
 tcttttagatg tttaggt 437

<210> 596
 <211> 425
 <212> DNA
 <213> Homo sapiens

<400> 596
 ccccagaact ggagcacaat aagttaaatc atttacctgt ctcacttctt cttggcgtgc 60
 ttaaaagcaa aaatgattcg ctacttcctg tccttcagtc cgggcatttg gggtgccact 120
 gaagactggg gttatctgct gaggtttggg tgtcttcgag gaagtatctc attgcagttg 180
 attttgatga aaccaaacag taactagggt ccatgcagac cgtgactccc tgattacatc 240
 tagccatgcc ctacttattt cagagagaaa gagaggggga ataaaggcag tattgccaca 300
 ctgattagaa gcacattcat tccactttga tgttgaatat ttttgaccga tacatgcttg 360
 agtatctttt taatagagca catgaaggaa gaagcacaca atatagagaa ggaattgaga 420
 atgcc 425

<210> 597
 <211> 387
 <212> DNA
 <213> Homo sapiens

<400> 597
 cattcttaag gaatacactt atcttttttc tttaaaaaaa gtttttcttc tgctatttaa 60
 aaaaatgttt ctgagtataa ccaaaaatag gtatttgttt ccttggtttt cttttcttct 120
 tctttaacta agtagttcaa agaacaacac aacagaaaag agtaacaaaa agtcacaaga 180
 acataaccct taacacacct tgtataaaaa tagcttccgg ccatggctgc tgacagtggg 240
 tgctcccttg tcgaggggtg gatcaggctg gctgggtgcc tgaggctggg gcgcctctgc 300
 aggggacacc cacaccctt caccctccca cacaccatc ccacacatgg tacattccaa 360
 gggcccgggc ctgcaggaca ggaagca 387

<210> 598
 <211> 401
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(401)
 <223> n = A,T,C or G

<400> 598
 aatatgtcct ccatacattt tatcgaacat tattaattaa taaacaacag ataaataaca 60
 acagtgcctt gtttgattaa attatatata tgattatatt tcttcagtga aattgttggt 120
 tatgcatttc ttacaaataa ttcacaaata ttaatgaatg tctgtgttgc agcaggcatt 180
 ttgctcacca cgggtggacct gggggtatgt gaaataggca ccatctctgc tctcacaaat 240
 ttaatacgtg caggctgctg gattggacta aagtcctgag gagaactata acaatctctt 300
 agagggaaac gtgattaaac agggatcaat tgtgccacc atatagcctt cctacttact 360
 gatcaagaat gataagcaga ccttagcaag ngccaatcaa c 401

<210> 599
 <211> 375
 <212> DNA
 <213> Homo sapiens

<400> 599
 ggcaggggga ggtgagggag gttttttgct ttctttgctt tttattttta ttttttaata 60
 tggtgaggaa tgcagaaatt ttaaaaatgg atacatttga gtgtgttaaa agtaaaaact 120
 tctcttggac aaaacataaa ctgctaaccg caacggggga gaagatattt gccgcacatg 180
 taaataacag agactgttct acagcaccag gaggaattct gactgccaat gggatgaagac 240
 gaggcaccca gggaaataaa ggggcagggg tggggcagcc ctccacgcag aggagacgcc 300
 tgagaatgcg cacattcact gggtgtctat ctctagacaa cagcagatgc ctcttcacac 360
 caatcgatgg cacc 375

<210> 600
 <211> 398

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<212> DNA
<213> Homo sapiens

<400> 600
gccgccgccg cgctcgctcc ccgcgctggc ttcaggagcg acccggccga aatgaagttg      60
aaaatagcac aggagccac tatcactgtg tgaacatttt gtgaatgaag acatgtatga      120
aaggatgttt ggaggcttca agaaacgaaa gccgagagtc tagctagacc agagccatcc      180
agcccaggag cgatggccac gtgtggccgc tggacaagag agacgtggcc agtccaaact      240
gtgcagtgcg gggcagtgga agccgttgga gggcctcagg caggaacaca aggtgtcgtg      300
gcagaaagga agaaggggcc gggcacggtg gccacacccc atcatcccag cactttggga      360
gggaggccaa ggcaggagga tcgcttcaat ccaggagt      398

<210> 601
<211> 389
<212> DNA
<213> Homo sapiens

<400> 601
aaaatggggt gccagtgtcc tcagactaga atgttctagt atcttggggt aggaatgaga      60
gaatataagc ctgaatgccg gcattatggg agccaaggag agttgggatg ccccatcaaa      120
tatatagact ttcattcaag acccatcttc agccaggcac gatggctcac acctgtaata      180
ccaacacttt gggaagttgg aagattactt gagcccagga gttcgagact acctgggcaa      240
tgtggtgaga cctcatctct acaaaaaaaaa atttaaaaga attagtcggg catagtagta      300
catgcctctt gtcccagcta ctgagcaggc tgaggtggga ggatcacttg agcccaggaa      360
atcaaggctg cagtgagcta tgatggcat      389

<210> 602
<211> 243
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(243)
<223> n = A,T,C or G

<400> 602
gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga      60
gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga      120
gagagagagn ggcncncccc nngcgnnnnn ttntctctct ctcaccccc cncnctctn      180
tntttttnt cnntctctcn ctctntgtgc gcncnnttng gngnnccct tttttttttt      240
ttt      243

<210> 603
<211> 429
<212> DNA
<213> Homo sapiens

<400> 603
cttaaaagaa aatgctattc tgggagctcc aacctgcaat taacctacag aaggaacctt      60
ttgagaggct ggtgcagcgc ttcggggagg cagattaaga actgacctag aaacagaagt      120
gaagtttgaa gtctgctctc tgcaaagagg gtgggagtgg gtggagaaga ggcttgtttt      180
aaaagccaaa aacagaaagt aaaaagaaat gggaaagtaa aaccaaagca gcaagtgact      240
ctcttctgat gtgcactttt catttttctc cccacattt cagtgttaga aagaaaacga      300
gaggagctag ggaaagaagg agttggggac agaagactaa gatttcaacg tgaaattcca      360
tttaciaaagg ctttactgca aacaatagct aatttagtcc tgtaaacatg catttatcat      420
acatttttaa      429

<210> 604

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<211> 469
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(469)
<223> n = A,T,C or G

<400> 604
ccccctttg aannccnccg naaacttctt anacaagccc ttggtctttt tgcaggatcc      60
catcgattcg ggcaagccca ccaagggggc tatggctgca ggggccatgg gtacgggggt      120
tgctcaggag agggaggtgg gtgctggagt cttctgagcc tcactttgcc ctttggcagg      180
ctcctgggaa gcagccacag aaatgaagcc tgttccccag gagccccagg gatggggaca      240
gaccccgctc tccctttgag gagctcccag gttagaggag aaggcagctc tgtggacaga      300
caaggattcg gtcgggggca ccagggctgt gatcaggagg tgccggagaa tcggggattg      360
gaagcagaga gattcttggc agttgaagca aaagtcggat ctttggtttc agatgttaaa      420
agcaacatgc attgcttggt tctggtctan aaatactaca ttcgcattt      469

<210> 605
<211> 377
<212> DNA
<213> Homo sapiens

<400> 605
cctagctacc gctcactgga tatcactcca ggcaagaata gcaggaaaaa agggagtgtg      60
gagaggcgct cggagaaaga cagctctcat agtggaagga gtgtgggtcat ttagtcacca      120
agcacagcac aacttctgtg gctacttctc ggctcctgtg tgtcatcagc atcacctagg      180
tttccagctg acttgggaa c tgcaagtctg agtctaacag ttttggctta gattctgaga      240
atcaaataga agaattttta atacaagagt ttgagattgg gtatagtggc tcacacctgt      300
aatcacagca ctttgggagg ctaagaatca cttgagacta ggagttcaag atcagcctgg      360
gaaacatagt gagacc      377

<210> 606
<211> 382
<212> DNA
<213> Homo sapiens

<400> 606
ggagtgagtt cctgagcgag tggaccgggc agcgggcgat agggggggcca ggtgcctcca      60
cagtcagcca tggcagcgct gcgctacgcg gggctggacg acacggacag tgaggacgag      120
ctgcctccgg gctgggagga gagaaccacc aaggacggct gggtttacta cgccaatcac      180
accgaggaga agactcagt ggaacatcca aaaactggaa aaagaaaacg agtggcagga      240
gatttgccat acggatggga acaagaaact gatgagaacg gacaagtgtt ttttgttgac      300
catataaata aaagaaccac ctacttggac ccaagactgg cgtttactgt ggatgataat      360
ccgaccaagc caaccacccg gc      382

<210> 607
<211> 187
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(187)
<223> n = A,T,C or G

<400> 607
ggcccnnnnn gnnnnnaacn gccnactnnc taagagaccn cttcgaaaaa ccagganccc      60

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atcgattcgc	agtattagag	ccaccgcgcc	cagttgtgca	tttctgggtt	ctaagaatca	120
aaccacttgg	ctgttttttag	gagttacttc	ccatgttata	aagctgagga	agcttttttt	180
ttttttt						187

<210> 608
 <211> 468
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(468)
 <223> n = A,T,C or G

<400> 608						
ggcgnnnntc	tgacncngta	aaccngntct	tgntcttttt	gcaggatccc	atcgattcgc	60
atgagatggt	ttgatatagg	catgcaatgc	gtagtgatga	tatcatggaa	aacgggggtat	120
ccatcttctc	aactagttat	cctttgtgtt	gtaaacaatc	cagttaccaa	cccaacctgg	180
aaattgagta	ccagtaatat	aggcagttat	ccacgtggct	ctttgaaacg	tggtcgctaa	240
gctgtgcatg	tttgcaaacg	tggaagctgt	tgtgtagatg	atgttcactc	ccgtgaatat	300
gcagctgtga	tgtggccaac	agaaggggaag	gaacacgcct	gtgtgctcta	cgtcttctgc	360
aagccggcac	agctccatgc	gggaccagtg	ctgatgccag	agtgagggtg	gggggctgtg	420
gcctgtgtct	gccgcacgtg	gtggcattct	agcaaagcca	cgtgggtg		468

<210> 609
 <211> 459
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(459)
 <223> n = A,T,C or G

<400> 609						
tctgnaance	ttacngaaac	tcttcnnaca	agcccttggt	ctttttgcag	gatcccatcg	60
attcgcttct	tcaggggaagg	agctgctgtg	ttttggaatg	tgaaagacaa	aactatgaag	120
catgtgatga	aagtctctaga	aaaacatgaa	attcagccct	atgaaatcgc	actggtacac	180
tgggaaaatg	aagaacttaa	ctacataaaa	atagagggac	agtcaaaact	tcacaggggg	240
gaaatcaagt	taaattcaga	gctggattta	gatgatgcca	ttctagagaa	gtttgctttc	300
tccaatgctc	tatgcctttc	tgtaaaaactg	gcaatttggtg	aagcatcact	ggataaaattt	360
attgaatcta	ttcagtcaat	tcctgaggct	ttaaaagctg	ggaagaaagt	gaaactatct	420
catgaagaag	ttatgcagaa	aatcggtgaa	ctctttgtct			459

<210> 610
 <211> 181
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(181)
 <223> n = A,T,C or G

<400> 610						
gaaacccttg	nacgnaaact	cttanacaag	cccttggtct	ttttgcagga	tcccatcgat	60
tcgcagtatt	agagccaccg	cgcccagttg	tgcattttctg	gtttctaaga	atcaaaccac	120
ttggctgttt	ttaggagtta	cttcccattg	tataaagctg	aggaagcttt	tttttttttt	180
t						181

<210> 611
 <211> 479
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(479)
 <223> n = A,T,C or G

<400> 611
 ttgaaacctc cttgntcttt ttgcaggatc ccatcgattc gcttctcctt tgtctctggt 60
 ttggcaatcg gagctttcag ggcacagtgt ttgtctccag atgttgatgg aagtgggcac 120
 tccttgggtg cctccaacag gaaaagcgtg ttctttcatt gtttcctata cacacagaca 180
 accgtttttc caggaaggca gccccatctt tagtcattga ctgcgggcct atcatcagtc 240
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 gggctccaaa ccggtagacc agagagcctg caggataatt tcccccttaa gatgggtaga 360
 tttactgttc cacagccaac aggtggatac gcgtaactag aacaatctgt catgggacta 420
 agtgggaagaa tccatcagca ctacacagca tcttttcttc aaatacaact gtaaactctc 479

<210> 612
 <211> 377
 <212> DNA
 <213> Homo sapiens

<400> 612
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 gtataacttca ccaccttccc tattatgtat acttccctat tatgtatact tcaccatctt 180
 ccctattatg tataacttccc tattatgtat acttcacat cttccctatt atgtatactt 240
 ctctattatg tataacttctc tattatgtat acttcacat cttccctatt atgtatacat 300
 cagttttcaa atattaaacc caccttacat ttctaggata aacctacat tattattatt 360
 attattattt tcccaat 377

<210> 613
 <211> 391
 <212> DNA
 <213> Homo sapiens

<400> 613
 ttcgtgctcc tccggacctg cctcatcccc ctcttcgtgc tctgtaacta ccagccccgc 60
 gtccacctga agactgtggt cttccagtcg gatgtgtacc ccgactcct cagctccctg 120
 ctggggctca gcaacggcta cctcagcacc ctggccctcc tctacgggcc taagattgtg 180
 cccagggagc tggctgaggc cacgggagtg gtgatgtcct tttatgtgtg cttgggctta 240
 aactgaggct cagcctgtct taccctcctg gtgcacctca tctagaaggg aggacacaag 300
 gacattggtg cttcagagcc tttgaagatg agaagagagt gcaggagggc tgggggcat 360
 ggaggaaagg cctaaagttt cacttggtga c 391

<210> 614
 <211> 388
 <212> DNA
 <213> Homo sapiens

<400> 614
 agaggttcat taagcatcta atttttcata ttaaateccct ttctgctaaa accagcaaga 60
 gtgttctgtt atctgtaact aatcttgatg cacacatcat ggggacactg gggtcacagg 120
 tttgataagt ggtagaagaa gggggaaaga agtttgtgca catttcagag acaagaggaa 180
 aaggaaaagc agagatttcc tgtgagtgca aaggcctgtc taggcaaaga tgccctgccc 240
 caccttgggc catttacaag gaaaacactt acaaaccag cagtagaaaa ccatatcaat 300

acattcccaa	acaattacta	cagtcagcag	agatgacatc	attctccttc	ccatcagaac	360
aataagcctg	gctctaactc	tataaaca				388

<210> 615
 <211> 453
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(453)
 <223> n = A,T,C or G

<400> 615						
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cgagcgtcgg	gcccggttcg	aggtggctga	cgaggacaag	cagtcceggc	tgcgctacca	120
gaacctggag	aacgatgagg	atggagccca	ggcctctccg	gagccggatg	ggggagtcgg	180
caccagggat	tccagccgaa	cttccatccg	cagctcccag	tggtccttca	gcaccatcag	240
cagcagcacc	cagcgtctct	acaacacctg	ctgcagctgg	acccaacacc	ctttgatcca	300
gaagaaccgc	cgagtgggtg	tggcctcctt	cctgctcctg	ctgctggggc	tggtgctgat	360
cctggtcggc	gtgggactgg	aggcgacccc	ctctccaggt	gtctccagcg	ccatcttctt	420
cgtgccgggc	ttcctgttgt	tggtgcctgg	agt			453

<210> 616
 <211> 378
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(378)
 <223> n = A,T,C or G

<400> 616						
agtgtccctg	ccaaattcat	gtccactgga	acctcagcgt	gtgacttagc	tgaaaacagg	60
gccctgccat	ctcatactgt	cctcctcggg	cacactggct	ggaggcaaag	ccctctcccc	120
tgttttccgga	aatctccaac	cctgtgcacc	ttttatcagt	cttcacttgg	gtggatTTTT	180
ctgtttctcta	gagctcaact	ccaaccgccc	atttgccaaa	aggcaattga	gagctgttct	240
ggcagccgag	gtcctctcct	ctcctgctgg	aggtccaggg	tctgtgggtg	tacagagggg	300
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ccggcctgac	agtaggtg					378

<210> 617
 <211> 414
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(414)
 <223> n = A,T,C or G

<400> 617						
ggaaggctca	cagggctgaa	tcttgaagaa	tgggggttct	cagggttaca	gagaagggga	60
ggacattctg	gacagaaatg	gaatgtgtga	agatattgtg	tacttgagga	ttgcagatgt	120
cgtgtggggc	taaacattct	tgttcagctg	caagaacatc	tgaaacctgg	gaaggctgtg	180
ggaaacataa	agaactagat	gtataatatt	ttcagttttt	ttttaaatta	gtaactatta	240
atagagtagc	acaaattaat	tgggtgcttg	ttctggacca	gatactgtgc	tactactgtg	300
ctaggtcctt	tgttttttta	gacatggggg	ctcactgctg	ttgccgaggc	tgaaatgcan	360

ngcacannca cagctcacca cagcctcgaa cttctgcctc aacaatcctc ttgc 414

<210> 618
<211> 458
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(458)
<223> n = A,T,C or G

<400> 618							
ttctgactca	tatcnagcta	cttggttcttt	ttgcaggatc	ccatcgattc	gagcaagaag		60
cagagtgaga	gaggtgggga	gaattcaaga	tgatgttaga	gagatgacag	agtctagggt		120
agggagggcc	tgagtccttg	tagactctga	gtacgggtgct	gagcagggaa	gagacaggct		180
ctggccttagg	gtttagaagg	aacacaggct	actgcgatga	ggattgtctg	aaggggaaca		240
aaggccaagg	tggggagacc	acttagaact	ctactgctct	actttagggtg	aaatgttaga		300
actgggtgag	ccgaaaacat	gctcagcatc	tgtgaggagg	gggcacagag	ggagcaagga		360
tggatccagg	gttttttagtc	tgatcaactg	aaagtctgga	acagccatta	cttaaaataa		420
ggaagtctaa	gggaagaaga	gatttagggg	agaatatc				458

<210> 619
<211> 387
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(387)
<223> n = A,T,C or G

<400> 619							
gtcttttctact	cttctggcat	cgggtggtttt	acttcttcga	ttgaaccctg	cttcctcgac		60
ccccctggga	ggccgccttc	ttcaggcgcc	tcccttctct	ccacgagctc	gctctgacag		120
ctgaggaact	ggcaagatcc	tgctaccag	aggggtgaatg	ggtatctttc	ccggaataat		180
cctaattttt	ctaagggtga	agtttgcaac	ggcgcccggtg	attgtaagcg	gacaccagaa		240
aagtaccact	gtaagtcag	agatgtctgg	tctgaattgg	aaaccctttg	tatatggcgg		300
ccttgccctct	atcgtggctg	agtttgggac	tttccctgtg	gaccttacca	aaacacgact		360
tcangttcaa	ggcccaagca	ttgatgc					387

<210> 620
<211> 394
<212> DNA
<213> Homo sapiens

<400> 620							
tgggcgttct	tataaaacag	ttctggaccg	ttggagagag	tctctccttt	cttctgctag		60
tctatcccaa	gtttttcttc	acctatccac	cttgatcgt	agcgtgatat	ggtctaaatc		120
tatactgaat	gcgcgttgca	agatatgtcg	aaagaaaggc	gatgctgaaa	acatgggtct		180
ttgtgatggc	tgtgataggg	gtcatcatal	ctactgtgtt	cgaccaaagc	tcaagactgt		240
gcctgaagga	gactggtttt	gtccagaatg	tcgaccaaag	caacgttcta	gaagactctc		300
ctctagacag	agaccatcct	tggaaagtga	tgaagatgtg	gaagacagta	tgggaggtga		360
ggatgatgaa	gttgatggcg	atgaagaaga	aggc				394

<210> 621
<211> 453
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(453)
<223> n = A,T,C or G

<400> 621
tatgaggnat gnnaccttca aacaagctac ttgttctttt tgcaggatcc catcgattcg      60
ccagctcata ctttccttcg ctgtccctcc cgcactcctt aggcaagatt tcccagtaaa      120
gattttctgt gcgtatttta aaagtcgtgt taatactcat gataattatt agggacctgg      180
cagcgtgatt ggagtatgga tgtttccgta aaagctggaa ttccgtaaaa gcattgacgc      240
agccccata ctccatccca accaagaaac tgcatttcct ggggccaggt gggagctgcc      300
tttgccccac tgccctccct gttctgctct ctacgtcaac atgtggaaat ccaaggagga      360
caaagactcc agccacgctg ctaaataagg ctcctctctc ctctctctct ctctaggtgg      420
taaggntggg gattaagtcc aggtacagaa caa                                453

<210> 622
<211> 462
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(462)
<223> n = A,T,C or G

<400> 622
attgaanccc tattgnaacc ttnaaacaag ctacttgttc tttttgcagg atcccatcga      60
ttcgcaagaa tctgctctta gtagccctgt gcctgacctt cggggtggag gtgggcttta      120
agttcgccac caagaccgtc atctacctgc tcaacccctg tcacctgggc accatgatgc      180
atatctttct cctggcctgc cctccatgtc ggggagctat cgtcgtcttc aagctacaga      240
tgcacatggt gaatggagct cttctggcat tgctgtttcc tgtggtaaac actcggctgc      300
tcccctttga attggagatt tactacattc agcatgttat gctctacgtg gtacccatct      360
acctgctttg gaaaggaggt gcttacactc cagagccctc cagcagtttc cgggtgggctc      420
ttctctcaac tggcctcatg ttcttttctc acttcagcgc tt                                462

<210> 623
<211> 457
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(457)
<223> n = A,T,C or G

<400> 623
tgaatccata atacaagctt nttgttcttt ttgcaggatc ccatcgattc gcggggacgg      60
agctcggcgt gcttgctgct ggaggggtgat ggccctgcaa ggctgtgggc tccgacctca      120
ccgggagtcg acagcgagag gttcgccgaa gagcgaggtt ctgggcgagc gctgaacgcc      180
ggccccaagc accccgggtc tttacacagt ccgcgtccac agactctgac gaagacgtgg      240
atctgctctc gctttagctg ctgcgggtcc tccagatcat gtccgcgact cctgcgactc      300
cgcgcggaaa aaaaagtttg ccaggcgtgg actcaatgac ctttccaagc tgtgcgcctc      360
gctgcctgga ccgggtctga gcgcggctgc ccaggttgac ctttctgcgg gagggctttc      420
tctacgtgct gttgtctcac tgggtttttg tcggacc                                457

<210> 624
<211> 463
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(463)
<223> n = A,T,C or G

<400> 624
ccccctttgg naacccttaa acaagctact tggctctttt gcaggatccc atcgattcgt      60
gcctatctcc caccctctgt ttcttcacaa agcaagccat agagactaga attcctcttt      120
ctcaacctaa aaaatacgtc tgtaactttc ccctgccttt ctgtgtaaga tctggccatc      180
aagacatttt ttgacctacc ttccctcatt ccaggaaggg tcctgtcctg taccggggag      240
gaagaaatgc tacacagaga agccaagatg aatctgaaca gacagccttt gtcagttcca      300
cagattccat aaaagttaac tccagagcag agaatgatgc cacagtcggg ataacatcca      360
atatttgcaa tcanaagaaa tatgagagtc ttgtccatca cccaggctgc agtgcagtg      420
cacgancctg gctcactgca agcttcacct cccgggttca cgc                        463

<210> 625
<211> 444
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(444)
<223> n = A,T,C or G

<400> 625
tttgggnactc tanaatacaa gctacttggt ctttttgtag gatcccatcg attcgccaaa      60
acaaagggga tttggtgatg gaggctttgt tagaaggaat acaaaatcga gggcatgggtg      120
ggggattttt gacatcttgt gaagcagaac tacaggagct catgaaacag attgacataa      180
tggtgggtca taaaaaatct gaatgggaag gacgtacaca tgctctagaa acttgcttga      240
aaatccgtga acaggaactt aagagtctta ggagtcagtt ggatgtgaca cataaggagg      300
ttggaatggt gcatcagcag gtagaagaac atgaaaaaat caagcaagag atgaccatgg      360
aatataagca ggagttgaag aaactacatg aagaattatg catactgaag agaagctatg      420
aaaagcttca gaaaaagcaa atga                        444

<210> 626
<211> 456
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(456)
<223> n = A,T,C or G

<400> 626
tctgaaancc ttnnngnnac ccttnaatac aagctacttg ttctttttgc aggatcccat      60
cgattcgggt atttacttcc cttatctttg ggatctgaca ctaactctgc aacttactgt      120
ttctgtaccc cattttctta cctaaaagga ggttaataat atgactcatc tcacaaactt      180
gttgccaaga ctgaataaga taaagcgtgc aaagtcttaa gaagaagaca tggcatttag      240
taactaataa aaaatgtcac ctctctcagt atcattatta ccttagaaaa agtccttctc      300
attttcatca gaggccaggc acatagttag ggttcaaaat gcagttgaca aactgactga      360
attagcatag tcttttaaaa ctggaccctg gaaccatata ccctgtttgt ccttccttgc      420
cccatgggta agcaaatatc tccactgcct gggcta                        456

<210> 627
<211> 458
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(458)
<223> n = A,T,C or G

<400> 627
tctanaatac aagctacttg ttctttttgc aggatcccat cgattcgctc aggaggctga      60
ggtaggagaa ttgcttgaac ccaggagaca gaggctgcat tgagccaaga tcacaccact      120
gcactccagc ctgggcagca gagcaagact ccatctcaaa aaaaaaaaaa nnaaaaannaa      180
aaanagggtt atncnttcat ttntggnggg ggnanaaana aaccttggtt nntntnaaag      240
gggnaaaggn ggnagggncc ttnaaacnnt tntttcnnaa nctntcnngg nggttnccag      300
naccnntact gtncnnnaaa gggttcnntt ttanactnnn tcngtttngt aancanccan      360
cccantngng gggatntnaa agggncctna gnacntntac cnntggggng gccccttnc      420
ccaaatagtt aaaaaaaaaa ttgttntggc ancctggt      458

<210> 628
<211> 475
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(475)
<223> n = A,T,C or G

<400> 628
ttggnnccct ttttgnactc tanaatacaa gctacttggt ctttttgag gatcccatcg      60
attcgctgac ctctgtgagc tcagtctgct ctatgctgag ctggagggtg agctgtcgcc      120
agaagtgaga agggctgcca cagctcgagc tgttcacata ttaaccaagc tgactgagag      180
cagcccctat gggccctaca ctggacaggt gttggctggt cacattttga aagcgcgaaa      240
ggcttatgag cagcactgc aggactgttt gggtgacagc tgtgtctcca atccagctcc      300
caccgattcc tgtagccgcc taattagcct ggctaaatgc ttcagtctct tccagtattt      360
gaccataggg attgatgctg ctgtgcagat atacnaaaca ggtgtttgca aaactgaaca      420
gttctgtttt cccagaagct ctggcgaggg ggacagtgcc agctcccaa gttgg      475

<210> 629
<211> 451
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(451)
<223> n = A,T,C or G

<400> 629
acccnttttg ggnactctan aatacaagct acttgttctt tttgcaggat cccatcgatt      60
cgctgcaaat ttagagctta caagatgcta atggcacctc agtttccagg atagtctctg      120
cagactgctt tcaactcagca ggcttccttt catgatggct gccagtaaca gctacccctc      180
atttacatcc agcagagatg aggggtatct cttcggggag ttcagtcaaa aaaaagcaag      240
aaaagctgaa atcttctcac ttcaaaggaa tggcacatga cagcacttag ccaataaagc      300
attctcttct gggactttgc aatgcaagca aatgaaacca ggaacacatg gcattttattc      360
acccagggga gttgtccaaa gcagactatt gcagctagtc tgcaatgaga ccactgctga      420
ggaaactact ttctagcatt ctggagttat c      451

<210> 630
<211> 461
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(461)
<223> n = A,T,C or G

<400> 630
ccttnnnnnn nnntttggna ctctanaata caagctactt gttctttttg caggatccca      60
tcgattcggt cagcctagca gccatgatgc cctcggaacc tggccctatg gtatggatgt      120
gaggactacg cactggctgc cctgagcccg gggctggaaa tcctcttttg ctgccaagga      180
tctggacctt ttttggagtg gagagtcctg gttaaaattc ccagcccggc ccaggtagcg      240
gaatcccagc attttgtgag gccgaggcag ggggatcacc tgaggtcagg agtctctact      300
aaaaatacaa aaattagaca ggtgtggttg tgggcgccac tcaggaggct gaggcaggag      360
aatcacttga acccgggagg cagaggttgc agtgagccag atcatgctgc tgcactccag      420
cccgcccgct caccgtgtgt gttgctgggt gctggggctg t
                                     461

<210> 631
<211> 474
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(474)
<223> n = A,T,C or G

<400> 631
tttggncctn tttngnactc tanaatacaa gctacttggt ctttttgcag gatcccatcg      60
attcgctgga atggttttct cttacaatca gaatagttag gatgtaatat atttttgagt      120
gggcatttaa agtgaaaagg tacatattta catagacaca ggtgataatg tatctatgta      180
aatgcctttt gattctgcaa ctgcaggata ctctcatcaa agacacagat aaaaagcctc      240
tgtgtttcca aggccttgcc ctatacctaa cacataatat gtccaaatgg atgaagagga      300
ggcaaggaca aggatgtgat gacaaaacat tctgttatgc acttgtagca tttatgtttc      360
ttcctggggg attttataat actaaaagaa tcataatata aagagatgat taaaaaaaaa      420
atactgcccg gcacggnggc tcatgcctgt aatcccagca ttttgggagg ccga          474

<210> 632
<211> 410
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(410)
<223> n = A,T,C or G

<400> 632
cccacatcca gtcttctcca taggacaacc tgtctgctga aaggggctac ccactacaag      60
actcctctct tctgaaagct ggagactcct caggatgata tgccenttng aatnatngnc      120
ccacnnatat aatacnatga gagccnatgn cgccgctcan tcaacanaaa tgtgcttcna      180
ataaaccncn nttatgngag tagntctgct tgnttcctng aggnnnnaac ncganctatn      240
anacctgnnn anctaangga nttaagatg cctgectann cnaagantg gaggtgnnct      300
ttgttanntt gacgnttctt ttnntnatat natnngacna aattatangc aatgtttngg      360
gannntacna nanngncacn acaaatgcct tactttacaa nccttttgtg          410

<210> 633
<211> 466
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(466)
<223> n = A,T,C or G

<400> 633
tttgaacct ntatacaagc tacttggtct ttttgcagga tcccatcgat tccaattggc      60
acgagctgct gctcccttct gggttccgag gcccatattgc gtcattgccc canngagagg      120
aaggagggtg angntatcgt ccgngggcccc agnagccent ttncnnntt ggncnangnc      180
cnaantnntt tntatntcat atnanncnac tatataanga ataaacntga tcttntnann      240
tntnaaatta tnancatagt nanaggtaat tacacatnnt attnaaaca cnnttggnat      300
ctataanttg ntcnttnnta tantaatant tttttncatt nannnnnntn atatnctaaa      360
attttnaaat attanntatc tntgatnggt nngnaatgct tacacttttt ganccttatnt      420
atgggaangn aggggggtgnc ntcnnnnntn tnanaannnt ntttcc      466

<210> 634
<211> 387
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(387)
<223> n = A,T,C or G

<400> 634
cttctctctg aaatattctt ctctttgaca ttttgggtag aaaatgaaaa ttcttgtatt      60
gtttactgtg ttaaatgaag agctttaaca aagggtacaa agctgatgtg tcatatttct      120
tttataatct cttgaaagat gatgcaatac tttgggcaaa gcaataagaa aactgaagaa      180
ggatgaaacg gttatcactt atttctttat taccgtcact tttagataaa tccatcatgt      240
ttccattttc tttggatttt tttctttctt ttacagttta catgcattgt agaataataa      300
agccgtttct ttcaagacct tttataaatc ctgntatctt gctggctggc tcacattgan      360
nctgggaag gccagcctgc antggct      387

<210> 635
<211> 406
<212> DNA
<213> Homo sapiens

<400> 635
ccgcctccgt cgcacagtcg ggaggctttg cagtgaactt cgaccacttc cagatccttc      60
gggccattgg gaagggcagc tttggcaagg tgtgcattgt gcagaagcgg gacacggaga      120
agatgtacgc catgaagtac atgaacaagc agcagtgcac cgagcgcgac gaggtccgca      180
acgtcttccg ggagctggag atcctgcagg agatcgagca cgtcttctct gtgaacctct      240
ggtactcctt ccaggacgag gaggacatgt tcatggctcg ggacctgcta ctgggcgggg      300
acctgcgcta ccacctgcag cagaacgtgc agttctccga ggacacagtg aggctgtaca      360
tctgcgagat ggcactggct ctggactacc tgcgcggcca gcacat      406

<210> 636
<211> 391
<212> DNA
<213> Homo sapiens

<400> 636
ccactgccgt ctccgccgcc actgggcccc cagagcccca gccccagagc ctaggaacct      60
ggggcccgt cctccccctt ccaggccatg aggattctgc agttaatcct gcttgcctct      120
gcaacagggc ttgtaggggg agagaccagg atcatcaagg ggttcgagtg caagcctcac      180
tcccagccct ggcaggcagc cctgttcgag aagacgcggc tactctgtgg ggcgacgctc      240
atcgcccca gatggctcct gacagcagcc cactggctca attcccctac atagttcacc      300

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tggggcagca	caacctccag	aaggaggagg	gctgtgagca	gacccggaca	gccactgagt	360
ccttccccac	cccggcttca	acaacagcct	c			391

<210> 637
 <211> 399
 <212> DNA
 <213> Homo sapiens

<400> 637						
caccaacact	gaggtgttga	ggaacatggg	ctttgcagca	aaagcgatga	aatctgttca	60
tgaaaacatg	gatctgaaca	aaatagatga	tttgatgcaa	gagatcacag	agcaacagga	120
tatcgcccaa	gaaatctcag	aagcattttc	tcaacggggt	ggctttgggt	atgactttga	180
tgaggatgag	ttgatggcag	aacttgaaga	attggaacaa	gaggaattaa	ataagaagat	240
gacaaatata	cgccttccaa	atgtgccttc	ctcttctctc	ccagcacagc	caaatagaaa	300
accaggcatg	tcgtccactg	cacgtcgatc	ccgagcagca	tcttccaga	gggcagaaga	360
agaggatgat	gatatcaaac	aattggcagc	ttgggctac			399

<210> 638
 <211> 465
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(465)
 <223> n = A,T,C or G

<400> 638						
atttgaancc	ttttgnaacc	nnnaaacaag	ctacttgttc	tttttgcagg	atcccatcga	60
ttcgtatctc	aattgattgc	tcacagtcag	ttacagattt	aaggccttgt	tccactcttt	120
ctcctcttct	caccgccgca	cttgactaat	cttaaaaaaa	gagagagaaa	gattttgtgc	180
tcttttctgt	atgtatgtta	tattttactt	taaaagaaag	tggagggggg	tggctgcat	240
catagccacc	aggccacaca	tatgcaaatt	agagtcttcg	agcaacaggt	gattccaata	300
tacaccctgg	ccaatggctg	agctagctag	acaaaagcct	ttattttctt	taaaaagatt	360
ttggggccga	acaaggtggc	tcacgcctgt	aatcccaaca	ttttgggagg	ccaaggcggg	420
tggatcgctt	gagcccagga	gttcaacatg	ggcaacatgg	caaaa		465

<210> 639
 <211> 456
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(456)
 <223> n = A,T,C or G

<400> 639						
tcttgcccct	tatcaagcta	cnngaacnct	tnnacggccc	ttggnnnttc	tgcnggatcc	60
catcgattcg	cttaagtgtg	aaatgcaaaa	ctataacatt	cccagaagaa	cacaggagaa	120
aatctgtgtg	atctggagtt	tggcaatgta	tttttagata	caatacaaaa	agcacacctc	180
atgaaaacaa	ttgatacatt	tgactttatt	aaagttaaaa	tcttctgcat	tgcaaaaaaa	240
ctaagagaat	gaaaatccaa	gtcataaact	gggaaaaaaa	tgtttgcaaa	atztatatct	300
gataaagaac	ttgtatccaa	aatatacaaa	gaactcttta	aatccncnat	aagaagacaa	360
cccaatttaa	aaataagcaa	agatcttaat	aaacatctca	ccagataaga	tatgcagatg	420
gaaaataanc	ntgaaatgat	gctcaacatc	attagc			456

<210> 640
 <211> 455

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(455)
<223> n = A,T,C or G

<400> 640
 ttggttntcta tacacaagct cttgtttcttt ttgcaggatc ccatcgattc gaaaaagctt 60
 ttagtgaggaa atcagatctt attagccacc agagaactca cactggggaa aggccctaca 120
 aatgtaataa gtgtgagaaa agttaccgac accgttcagc cttcattgta cataaaagag 180
 ttcatactgg ggagaagccc tataagtgtg gtgcctgtga aaaatgcttt ggccagaaat 240
 cagaccttat cgtgcaccag agagtccaca caggtgagaa gccgtataaa tgcctggaag 300
 tatgagaagt tttactcgga gtgccaacct aattaggcac caggcaactc acactcacac 360
 ttttaaagtgc cttgaatatg aaaaaagctt taactgtagc tcagatctta ttgtcatcag 420
 agaattccat ggaagagaaa ccacatcagt ggctg 455

<210> 641
<211> 375
<212> DNA
<213> Homo sapiens

<400> 641
 gagagtgtga atggccccgac tgttgagtga gggggagcag gggatcccaa cggcttgccg 60
 tgccttttgcg cagcagccgg cgggcggcca cgtcgcgcc tggctgggga gttgtaagac 120
 gttcatcgcc gtgttatcct tgagtaaaga agcgggcttt tgccatgttg tccaggctgg 180
 tctctactcc tgggctcaag cagtcctcct gcctcagtct cccaaagtgc tgggaattaca 240
 gggaaatgaac tctggaagcc cagccaggga caatgcacct tcacagagat tctgcactaa 300
 tctgagtga ggtctaaggt ttggaatctc cccctcatgg agagaagctt tgtatggctg 360
 tcatgcttaa acagt 375

<210> 642
<211> 386
<212> DNA
<213> Homo sapiens

<400> 642
 cccactcggg ggctgcgcct gcgcgttggg gaccgtgctc ctcagtctgc gggtcccgca 60
 gatacagccg ctgccccgga ggtggggcca gtgctgcgac ctctctatat ggatgtgcaa 120
 gctacaactc ctctggaccc ccgggtgctt gatgccatgc tcccttacct aatcaactac 180
 tatgggaacc cacactcccg gacacatgct tatggctggg agagtgaggc agccatggaa 240
 cgtgctcgtc agcaagtagc atctctgatt ggagctgac ctcgtgagat catttttact 300
 agtggtgcta ctgaatccaa caacatagca attaaggggg tggccgattc tacaggtcac 360
 ggaaaaagca cttgatcacc acccag 386

<210> 643
<211> 377
<212> DNA
<213> Homo sapiens

<400> 643
 gtcaacagaa ggagagcgaa agcaaattga agcacaacag aataagcagc aggccatttc 60
 agagaaagat cgggggaatg gatTTTTTcaa agaggggaaa tatgaaagag caattgaatg 120
 ctatactcga gggatagcag cagatggtgc taatgccctt cttccagcta acagagctat 180
 ggcctatctg aagattcaga aatatgaaga agctgaaaaa gactgcacac aagccatttt 240
 attagatggc tcatattcta aagctttttgc cagaagagga actgcaagaa cattttttggg 300
 aaagctaaat gaggcaaac aagattttga aactgtttta cttctggaac ctggaaataa 360
 gcaagcagta actgaac 377

<210> 644
 <211> 493
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(493)
 <223> n = A,T,C or G

<400> 644
 tgaaccctac gttatctttc tgnnaagcc cctcgggatt tttgcaggat cccatcgatt 60
 cgccgccgcc ggtgacctcg gcggagatca tttggcattt agctgtgatg ttgctaaaga 120
 acatgatgtt caaaatacat ttgaagagct ggagaaacat ttaggtcgag taaatttctt 180
 ggtaaatgca gctggtatta acagggatgg tcttttagta agaacaaaaa ctgaagatat 240
 ggtatctcag cttcatacta acctcttggg ttccatgctg acctgtaaag ctgccatgag 300
 gactatgatt caacaacagg gagggctctat tgtaaatgta ggaagcattg ttggcttaaa 360
 aggcaactct ggccagtccg tttacagtgc cagtaaagga ggattagttg gattttcacg 420
 tgctcttgct aaagaggtag caagaaagaa aattanagtg aatgtagttg caccagtgcg 480
 atacttgtat gga 493

<210> 645
 <211> 384
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(384)
 <223> n = A,T,C or G

<400> 645
 gccgccgctg gtgcttattc ttttttagtg cagcgggaga gagcgggagt gtgcgccgcg 60
 cgagagtggg aggcgaaggg ggaagtgttg gaggttttta aattcccctg catttatata 120
 gtccttacct ctatatgttn cagatcctc aggacctgtc aaacttaacn ntncctactt 180
 tcgatttgac ctntactacn cnactggaga cctgnatgcc anccgcncctg tcccatttga 240
 actnnngccc aancattttt gagtttttta ccnccctctn nctttcctnc cccttncanc 300
 ntncntnttt tctgtccenc cgnactttcc cacctactta tntngattnc attctgaaaa 360
 nttttttcat gacnaaantc tttc 384

<210> 646
 <211> 457
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(457)
 <223> n = A,T,C or G

<400> 646
 tctagaatac aagctcttgt tcttcttgca ggatcccatc gattcgggtcc acccaatgat 60
 ttggaatgtg ccttgagccc atatgccttg taatacaaac tcgtctccct cccatttgga 120
 atagccacca atcaagattt aatccggctg gttgcataca cacaggatgg agtgatgcat 180
 cccaggacaa ctttccctcat ggtagatgag gaacagactg ttccttttgc cttgagggat 240
 gaaaacctga aaggagtggg gtatacaaca cgaccactac gagaagcaga gacctaccgc 300
 atgaggggtc gagcctcatc ctacagtgcc aatgggacca ttgaatatca gaccacattc 360
 atagtttata tagctgtgtc cgcctatcca tactaaggaa ctctccaaag cctattccac 420
 atatttaaac cgcattaatc atggcaatca ngccctc 457

<210> 647
 <211> 386
 <212> DNA
 <213> Homo sapiens

<400> 647
 gcgggcttagt cgggtggcggc cggcggcggc tgcgggctga gcggcgagtt tccgatttaa 60
 agctgagctg cgaggaaaat ggcgggcggga ggtagccac ccagtagagc tactgagttc 120
 catcctggta ctggggaatg tctatagaga ctctgtgat gtgatccatc ttcagatctt 180
 gcagccatga ctactagcac ctgctccagg tcccacgtgt ttcaatggac atttgtctcc 240
 atcatagcca catcacacca cagatttgat ttttcagttc atttggtcaa atgccactca 300
 aaacaagaaa tgctaaagga gaagaagagt ccagttcaag atctgcattt cattttctgat 360
 gttggcccaa caactttttc tttcag 386

<210> 648
 <211> 401
 <212> DNA
 <213> Homo sapiens

<400> 648
 gtccgagtgct tgctcatgct gcggaagatg ggatcaaacc tgacagccag cgaggaggag 60
 ttcctgcgca cctatgcagg ggtggtcaac agccagctca gccagctgcc tccgcactcc 120
 atcgaccagg gtgcagagga cgtgggtgat gcgttttcca ggtcggagac ggaagaccgg 180
 aggcagtagc tgcaaagccc ttggaacacc ctggatgctg ttgagggcca agagatctgt 240
 gtggctcctg ggccggctga gtggcagcag ccccccttgc cccacctccc ccttccccta 300
 cccaaccctg ccctgcccc cccacctca cagctactca gtggggctgg catcaaggga 360
 gacaccagtg gtgcgtttat aattggctta aagggatgga c 401

<210> 649
 <211> 377
 <212> DNA
 <213> Homo sapiens

<400> 649
 aaacaattga aattggactg gaaatggagt gggcgaagta aatacacacg ttaccagagt 60
 gttgagtttg ggcactctta acagtcatta ttactcagt tttattgata aatcagacaa 120
 aattgccatc ttagttttga gtgtctaaat taggtgataa tggttattat aatttggtta 180
 ttttgcata ctcaagctag taagtaaata cactctgtaa tctcaaccaa ttttttaatt 240
 tggtaaatac tatcattgtc aacatctttt ttcatttgc tcaacttaa tgaacaagcc 300
 agtgaggaga ttttgaaagt agaagagaa tataacaaac tccgccaaac attttttcag 360
 aagaggtcag aattgat 377

<210> 650
 <211> 368
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(368)
 <223> n = A,T,C or G

<400> 650
 tgggtcactg cccctcctgc cagcggctct tcatggctct gctcctcaag ggcgtacctt 60
 tcaccctcac cagcgtggac acgcgcagg ccccgagct gctgaaggac ttcgcccccg 120
 gttcgcagct gccatttgc gtenttngna caaannatcc nttnnccaga tnnncaanta 180
 nctgacattc atacggagtc aanacacgtt tctgangact ggntnntana nnttncgtn 240
 ntnttaacag ccattngccc ctgantgnt nngagagcgt gaaaatttct ntganctgnt 300
 cagcatgacc ggancaaant agagnatcaa gancatnca tccaaattat ncggctcctc 360

atgcggtg

368

<210> 651
<211> 389
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(389)
<223> n = A,T,C or G

<400> 651
gtagcggccg gagccgtgcg agttctctac cctgcttcgc gagcgggcca gagaacgcga 60
gtcccaggat ccccgccacc cagttctctt ccactgcatt ccccgccgc gtgtgggacc 120
gaggtggaca tggatccgca gaggtcccc ctattggaag taaaggggaa catagaactg 180
aagagacctc tgattaaggc cccttcccag ctgcctctct caggaagcag atcaagagga 240
ggcctgacca gatggaagat ggcctggagc ctgagaagaa acggacaaga ggcctgggtg 300
caacgaccaa aattaccaca tcccaccaa gagttccatc cctcactaca gtgccacaga 360
cacaaggcca gaccacagct naaaaagtt 389

<210> 652
<211> 386
<212> DNA
<213> Homo sapiens

<400> 652
actgcctctc tagattccac ctctgtgggc agggcatatc ggaacaaaag gcagcagccc 60
tagtcaggga cttatagtta aaaccctcat cccctggga cagagcacct ggggaaagg 120
gcagctgtgg gcacagcttc tccagacttc aatgtccctg cctgacagct ctgaagagag 180
cagtggttct cccagcatgg cattcaagct ctgggacaga ctgcctcttc aagtgggtcc 240
ctgaccgctg tgtagcctga ctgggagaca tctcccagta ggggccaaca gacacctcat 300
acaggagagt tctggctggc atctggtggg cgccctctg ggacgaagct tccagaggaa 360
gtatcaggca gcaatatttg ctgttt 386

<210> 653
<211> 332
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(332)
<223> n = A,T,C or G

<400> 653
ccccctgaac ctccctccct ctgcctagac actgggggtac ccctccagat gtggggacat 60
tccaccccag tggggacagc cattccccta cctgctccag gagcctggat tggctttaaa 120
tggctcatca tcttccagct tcttaaactt agcgctgtt cccagactgg agaccttggg 180
atgggggagg tgtgggaggt tttctcnnnn nctgactcan ccactncctn ggctgtggna 240
nnntnagggn gnnngctctg gatcangcnc cngancctgt gcaggttncc catttgnnna 300
nttncccnnn nnannnnann anngacatga tg 332

<210> 654
<211> 382
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(382)
 <223> n = A,T,C or G

<400> 654
 aggcctctagc ccaactccca ggtggtccat tttggtccat attatattttt ttcattgcttt 60
 taacttttggg tctcgattct cagttttgctt cgattgaaac gatcacaaca acaattcaag 120
 atttattttcc caaagtgatg aagaaaatga gggttcccat aactttgggc tgctgcttgg 180
 ttttggtttct ccttggtctc gtctgtgtga ctcaggctgg aatttactgg gttcatctga 240
 ttgaccactt ctgtgctgga tggggcattt taattgcagc tatactggag ctagtggaa 300
 tcatctggat ttatggaggg aacagattca ttgaggatac agaaatgatg attggagcan 360
 agaggtggat attctgctat gg 382

<210> 655
 <211> 397
 <212> DNA
 <213> Homo sapiens

<400> 655
 agtggtctgt gcgttttctgt gtctgagtc ttcctgggtt ctaatgaggg cgcgggttctg 60
 ctgtgcccgg cccgcgaggt ctaaggcatg ggcttccagc ctccggccgc tcttcttttg 120
 aggccttttcc ttctgcaggg catcctgagg cttctgtggg gggacctggc tttcatccct 180
 cctttttatcc gaatgtccgg cctgcccgtc agcgcgtccc tggtcggaga caccgaggg 240
 gtgaccgtgt ccctggcagt gctgcaggac gaggcgggaa tattgccaat tccgacgtgt 300
 ggagtgtgta acaatgagac ggaagactgg agcgtgactg tgatccccgg tgcggtgttg 360
 gaagtgacag tgaggtggaa aagaggtctg gactggt 397

<210> 656
 <211> 396
 <212> DNA
 <213> Homo sapiens

<400> 656
 gcaagaaggg gctgactctg aaccaggaag ctgtgctgtg ctcaccagac actttgatct 60
 tggactttctc agcctccaga actgtgagaa agagatttct attatttata agccaccag 120
 tagatggtac tttgttacag cagcctgaaa ggactaagac accgacctag tctccctgat 180
 gaaaaagttt ctctcagact tctaccctt ccaatgtggc caaagctttt cattccgaag 240
 aagtttccct tctgagaacg ctcatgtgt cgtttggtt tccccgtctc tgcttgacac 300
 atgaacaaa acagaggcag ccaaagcagg gaaaaaaaaa tcctaggatc agagtccact 360
 ctatgccctt ttgagcttca aaaggagaaa gagaca 396

<210> 657
 <211> 369
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(369)
 <223> n = A,T,C or G

<400> 657
 cagtctcctg ccggaagaaa tgggttgagc ccgaaaggag gctgtctgag gaagggagag 60
 ggagggctgg ggttttccct cccctcccta caccatttcc ttcttgatc gcaacnnggn 120
 aattctntct gcctncaatt ctntccagan ccctntnant ngncnccana caaatnancc 180
 atntttncnn nctttccgac aacacattna nttctcnan ntgccaacg cattgggaaa 240
 gaccttaaca acacntttgn ccactgtng aaacttacia tcttgcaaaa ancaagtacc 300
 tntttntga tnaancacng naaattttnc accttancn ttcatcanac cggacattat 360
 ctncacac 369

<210> 658
 <211> 379
 <212> DNA
 <213> Homo sapiens

```
<400> 658
ccagtcagcg ggggtggtctc ctgggtcccc agcctcgcca ttctgtgggg ggtggtgact      60
gggcgaactc tcagatgcct cagcaccctc ccacccttc ctcaggcaga acgagatctt      120
gtggcgggag gtggtgacac ttccggcagag ccacggcggg gccgagcaat gcaggaggca      180
agagaaagct gtccctgatg ctggatgagg ggagctcatg cccaacacct gccaaagtta      240
acacctgccc tctacctggt gccctttctgc aggaccctta cttcatccag tcgccctcac      300
agggccaggg gccccatcat ctctgacatc ccagaagact ctccatcccc tgaggggacc      360
aggctttctc cctccagtg                                     379
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<210> 659
 <211> 389
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(389)
 <223> n = A,T,C or G

```
<400> 659
ccagtcagcg ggggtggtctc ctgggtcccc agcctcgcca ttctgtgggg ggtggtgact      60
gggcgaactc tcagatgcct cagcaccctc ccacccttc ctcaggcaga acgagatctt      120
gtggcgggag gtggtgacac ttccggcagag ccacggcggg gccgagcaat gcaggaggca      180
agagaaagct gtccctgatg ctggatgagg ggagctcatg cccaacacct gccaaagtta      240
acacctgccc tctacctggt gccctttctgc aggaccctta cttcatccag tcgccctcac      300
agggccaggg gccccatcat ctctgacatc ccagaagact ctccatcccc tgaggggacc      360
aggctttctc cctncagtga tggcaggaa                                     389
```

<210> 660
 <211> 395
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(395)
 <223> n = A,T,C or G

```
<400> 660
agaaggctgg ataattggag gaggcagaaa attagtgcag agaagatggc caaattgcag      60
tttctgaggt catcagagaa gatttgccag aggctttcgc ttaccaagg gaagtaatgt      120
taaagggtca tgtgtttttc tgaagcaaag tatcgctttt acagagaaat ggctgctacc      180
tagggccagt gccttcacag tttggttatg ctaagtagaa gatacagatt tgtaatgcct      240
aaattctcac acttctaate ctacagtcca attattctgg catttgctac aatgtgctct      300
gaagaaatgg attggaaata nncnnncnnn tnantaaata antaattcca caggaggaaa      360
aaaatgcggt ctgaanggat caggattttc aaage                                     395
```

<210> 661
 <211> 464
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(464)
 <223> n = A,T,C or G

<400> 661
 agaacccttt gaaanntntg naaccataa tacaagctac ttgttctttt tgcaggatcc 60
 catcgattcg agggagcgaa gcagcgcggg cagcgagcga gatgcatcac cgaggcttcc 120
 tctctctcac cctctcgcc ctgctggcgc tcacctcgc ggctcgccaaa aagaaagata 180
 aggtgaagaa gggcgcccg gggagcgagt gcgctgagt ggcttggggg cctgcaccc 240
 ccaacaccaa agattgcggc gtgggtttcc gagaggcac ctgcggggcc catttgctgc 300
 attccccata gatatccttg caantnaatn nggngtttgc tnaaagcaat ntnttnccaa 360
 accctagann tgaccctca ntgcctaat nanngcttgt tcntggtgan cnntctatgc 420
 cctgnatann gcttntnttt ctttgcccaa anccaaaaaa aaaa 464

<210> 662
 <211> 446
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(446)
 <223> n = A,T,C or G

<400> 662
 atggagnnaa nnaaactctt antacaagct acttggtctt ttgtcaggat cccatcgatt 60
 cgctcggggc ccgatgtccc gacacggcgg cgctcggtac agctcggggc ggccacggcc 120
 agaatgaaaa cggccgcact gggacacgac ctggacgggc aggacgcgga tgaggatgcc 180
 agcggtcttg gagggggaca gcagtatgca gatgactgga tggctggggc tgtgggtccc 240
 ccagcccggc ctctcggcc tccataccct cctagaaggg atggttcttg gggcaaagga 300
 ggaggtggca gtgcccgcta caaccagggc cggagcagga gtgggggggc atctattggt 360
 tttcaccccc aaaccatcct cattctctcc ctctcagccc tggccctgct tggacctcga 420
 taacggggga gggnggcct gnatca 446

<210> 663
 <211> 394
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(394)
 <223> n = A,T,C or G

<400> 663
 gggcggtggt gggttttctg tcgtcgactg cggctcttcc tcgggcagcg gaagcggcgc 60
 ggcggtcgga gaagtggcct aaaacttcgg cgttgggtga aagaaaatgg cccgaaccaa 120
 gcagactgct cgtaagtcca ccggtgggaa agcccccgcc aaacagctgg ccacgaaagc 180
 cgccaggaaa agcgtccct ctaccggcgg ggtgaagaag cctcatcgct acaggcccg 240
 gaccgtggcg ctctgagaga ttctgtgta tcagaagtcg accgagctgc tcatccggaa 300
 gctgcccttc cagaggttgg tgaggagat cgcgcaggat ttcaaaaccg acctgaggtt 360
 tcagagcgca gccatcngtg cgctgcagga ggct 394

<210> 664
 <211> 385
 <212> DNA
 <213> Homo sapiens

<400> 664
 gtgggacgcg ccgagccgga ggctgcagga tgatgcggtt catgctatta ttcagccggc 60

agggaaaact	gcggtgcaa	aatgggtacc	tggccacttc	ggacaaggaa	cggagaaga	120
tggtgcgcga	gctcatgcag	gttgctcctgg	ctcgaaagcc	caagatgtgc	agcttcctgg	180
agtggaggga	cctcaaagtt	gtctataaga	gatatgccag	cctctacttc	tgctgcgcga	240
tcgagggcca	agacaatgag	ctcatcacac	tggagctgat	ccaccgatac	gtggagctct	300
tagacaaata	ctttggcagt	gtgtgcgagc	tggacatcat	cttcaacttt	gagaaggcct	360
acttcatect	ggatgagttt	ttgat				385

<210> 665
 <211> 368
 <212> DNA
 <213> Homo sapiens

<400> 665						
gcaattttaa	tcaaaattaa	agcttgaatc	tctaaaactg	gctaacctca	tctggaacat	60
gtggctcccg	cttgaccta	agatcacctt	ctccattgtc	taccaggcta	gcgtgagcca	120
cacctgttca	gttttccaac	tatcagctaa	gagaaagact	tcattaatat	ttggaggata	180
caggccgggc	acagtgtctc	atacttgtaa	tcccagcact	ttgggaggct	gaggcagggtg	240
gattgcttga	ggccaggggt	tcaagacctg	cctggcaaac	acggtgaaac	cccatatcca	300
caaaaaatat	gaaaattagc	cagacatggg	ggtttgtgcc	tgtaatcca	tcttcttggg	360
aggctgag						368

<210> 666
 <211> 368
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(368)
 <223> n = A,T,C or G

<400> 666						
gatcttctga	ggtcaggagt	tcaagaccag	cttggcccac	agggcgaaac	tccatctcta	60
ctaaaatata	aaaaattagc	caggcatggg	agcagggtgcc	tgcaatccca	gctgctcggg	120
aggctgaggg	aggagaatca	cttgaacctg	ggaggcagag	gttgacagtga	gctgagatcg	180
cgccaccgca	ctccaccctg	ggcgacacag	cgagactctg	tctcagaaaa	agaaacctcc	240
cttgaattga	aacttcgata	tgaaggttgc	aaccttctct	ttttgttggg	gtggcttggc	300
anactnttng	ngctcctggn	tgtatctcct	gagncncttg	tttcaaaacn	gncttgggtc	360
ggcacatg						368

<210> 667
 <211> 402
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(402)
 <223> n = A,T,C or G

<400> 667						
tagaccagcc	tgctcaacat	ggtgaaaccc	catatctact	aaaaatacaa	aaaattagcc	60
aggcgtgttg	gtgcgcgcct	gtatccccgt	tactcaggag	gctgaggcaa	gagaatagct	120
tgaacctagg	aggcagaggt	tgcagtgcgc	caagattgct	ccactgcact	ccaacctgag	180
tgacagagcg	agactccgtc	ccccctccca	aaaaacaaaa	aaaaaangaa	gaaangaaac	240
cngaaanttn	tttttttctc	ancaaagtnc	ncanacnttt	taagtngact	nttgacaaac	300
ctagttnatg	aacaatngnt	tntntatgta	gcatttngnt	ttttttattg	ncanagnaaa	360
aaaaggcata	tttccatgac	tacttttaaa	ggnntttttt	tg		402

<210> 668
 <211> 383
 <212> DNA
 <213> Homo sapiens

<400> 668
 gggaaagtct aggagtagga ctgtgttttc cagtgaatgg aaaacttcaa atgtgacttg 60
 gcaatgcttt tgagtagcac atgagcacct agtacttgga aaaactgaga tacagctctg 120
 ttcaacttcg agtgctcaac ttcactaaat cacagtaatg agacctttga gataggagaa 180
 atctgtaacg gagccacaga agaatacttt ttggaaaggg ctttccgggt tgatccagga 240
 gtttatcagc attctggtag ttcattgtatt tgtcatttgt gcctttaagt aaatacacat 300
 ctttatgtgt agtaccctca aaactaacct atcaggagac ttcctactgt tagagatatt 360
 gtagtttttc tctgatgcct taa 383

<210> 669
 <211> 385
 <212> DNA
 <213> Homo sapiens

<400> 669
 gaataatacc tcaataaagc tgttataaaa atatacaatt cagtgggttct tagtacattc 60
 acagagttgt gcaaacaatca catctaattc cagaacattt tgatcactcc tcccaaactc 120
 catagacaac acaatttttaa ctaagattcc aattgggatt tctgtggaac ttgatgagtt 180
 agggccaaaa gtaatcaaga tattcatgag gaaggataac agaatggcaa aacttgcttt 240
 aataatttgt gcagggatag acaaatactg tacaccagtc tctcaatagg gagatcaaaa 300
 ccaaattcac acagacatga aaagttgatt tatgacagat gatgttgcag tccctgggga 360
 aagaatggaa atgggtgctag aataa 385

<210> 670
 <211> 368
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(368)
 <223> n = A,T,C or G

<400> 670
 caaaaatatg tacaaattga cctctgttct tatttcctat tgtgagcatt ataaagataa 60
 gctcctatgt aaaaccttgc tctcagatga gtaaaatatg tatcacagca tagctcagca 120
 ataattcatg ctgagctgtg gggaccctgg gggctttttg aagatgatgg aaccgcacta 180
 ggggttgaaac tgatggctgt ggagttaatt gtgttttcga gcttgaatct cacctgtgat 240
 tttttttttt taangnnggn catgactnga tttttctnat aagccaangn atttgtaggn 300
 ttactggatn tannntnang gagnggggnt nnnncctttt tnnccncngg gnntnttttt 360
 tnnngggg 368

<210> 671
 <211> 374
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(374)
 <223> n = A,T,C or G

<400> 671
 cttccaagta tctccagccc agaacccttt tgagtccagg acctgtcatt catatccatc 60

ccagaaccct	tttgaaccca	ggacttgtca	ttcatatcag	accaccacga	gcatttcact	120
acagcctctg	atgggtcttcc	ctgtttcctc	acttttgcct	atTTTTTTTc	ttttctattc	180
cctcttaagt	gggccacact	tttgttcccc	tacctgaaat	cctgtagcaa	gtccctatag	240
gataggcatg	tggtacagtg	tgaagctcct	gagtgggtcaa	cagctacccc	gtgacaacat	300
gccacactcc	atgtgccact	ccctcccgcct	gctgctgtgt	cttggtcccag	tggtntctcc	360
cggctgacag	ccgg					374

<210> 672
 <211> 439
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(439)
 <223> n = A,T,C or G

<400> 672						
cccatctcta	caaaaaagtt	taaaaaatta	gccaggcgtg	gtggtgcacc	tgctcgtctta	60
gctacttggg	aggtgaggt	gggaggatcg	cttgagcccc	gaagcttgaa	gctgcagtga	120
gctgggatcg	tgccactgca	ctccaacctg	ggtgagagag	cgagaccctg	tctcaagaaa	180
aagaaaaatg	cagagaaaaca	ggagtcttgg	ctactccttt	agaggcagac	tcagaccctc	240
ctgcctcaca	gctttatctt	tgtatttgcc	ccttacttta	tcttgtgcct	tgagaaattg	300
ctggggagag	aggtatgtcc	actgggcagc	tgtacaggat	ggaggatcta	gggcgtttcc	360
actcccagca	gccagggtccc	tcaccccaag	ctcaccctc	gttggggaga	ttatctncat	420
acccccaaaa	cacattggg					439

<210> 673
 <211> 372
 <212> DNA
 <213> Homo sapiens

<400> 673						
gttctctgag	tctgtttggg	catgtgcaga	aaggggttct	aggcgcagct	cagacgtaga	60
tggggacgca	gatgtgagta	cctaggtgag	tctggctggg	cacgtgtgga	ataagtgggtg	120
gtggctgcca	ttactcttta	agcattcttg	gatctagtgc	ctcctctgcc	actgagtaca	180
gaattccttt	tcaaatccgg	gcttatgagg	catgttttga	tccaggctgt	cgtagcaagg	240
gatttgatgc	tgaggtctgt	gactgctgtg	cgtgtggagg	cttccggaag	gcagccagtg	300
ctggttactg	cttggagttt	ggggagctgc	cattttggat	tgccctacctc	atgccttctg	360
agaaacatct	gt					372

<210> 674
 <211> 348
 <212> DNA
 <213> Homo sapiens

<400> 674						
tgcagctgtg	cgtgaacggc	tgccccctga	gtgaacgcat	cgatgacggg	cagggccagg	60
tgtctgccat	cctgggacac	agcctgcctc	gcacctcctt	ggtgcaggcc	tggcctgggt	120
acacactgga	gactgccaac	actcaatgcc	atgagaagat	gccagtgaag	gacatctatt	180
tccagtccctg	tgtcttcgac	ctgctcacca	ctggtgatgc	caactttact	gccgcagccc	240
acagtgcctt	ggaggatgtg	gaggccctgc	acccaaggaa	ggaacgctgg	cacattttcc	300
ccagcagtg	caatgggact	ccccgtggag	gcagtgattt	gtctgtca		348

<210> 675
 <211> 369
 <212> DNA
 <213> Homo sapiens

<400> 675
gatgacctgc cggccgcctt tgtggatggc accaccagtg gtggggacag cgatgccaaag 60
agcctgcgta tcgtggaaag ggagagtggc cactatgtgg agatgcacgc ccgctatata 120
gggaccacag tgtttgtgcg gcaggtgggt cgctacctga cccttgccat ccgtatgcct 180
gaagacctgg ccattgtccta cgaggagagc caggacctgc agctgtgctg gaacggctgc 240
cccctgagtg aacgcacgca tgacgggcag ggccaggtgt ctgccatcct gggacacagc 300
ctgctcgcac ctccttggtg caggcctggc ctggctacac actggagact ggcaaacactc 360
aatgccatg 369

<210> 676
<211> 373
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(373)
<223> n = A,T,C or G

<400> 676
gccagctggt ggactatgcc ccactgccag gaaacaggcg ccggaagggt ctctgacaag 60
atctcgcttt cctagggcgg tgaaggcggt caaagggtcg gaagggggcg tgggagaagc 120
ggggcagcgc ttgagccatgc tcgcgaactg tgggtctgtc tgtgaagaga cccagtttcg 180
tgggaccacg gtggcgcttg cgctgggagg tgagcttgtg acagagcgaa aactacaatt 240
cccagcattc ctgtggtgcc agaactacct tgccgaaagc ctgtgcgaga tttaccccg 300
cttcgcgtcc ttccaccgga aaactctgag gacatgaata atcgcaggct tggcggntct 360
tgntnttcca aag 373

<210> 677
<211> 378
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(378)
<223> n = A,T,C or G

<400> 677
gctgcttcag atgctagagg aggaccaagc tgggtttcgc atcccatga gtctgggaga 60
gcctcatgca gaactggatg caaaaggcca gggatgtacc gcctacgacg tagctgtcaa 120
cagcgacttc taccggagga tgcagaacag cgatttcttg cgggagctcg tgatcaccat 180
cgccagggag ggccttgagg acaaatacaa ctgacagctg aatccggaat ggcgcgatgat 240
gaagaaccgg ccattcatgg gctccatctc gcagcagaac atccgctcgg agcagcgctc 300
tcggatccag gagctggggg acctgtacac gcccgcccc gggagagctg agtcangggc 360
ttgaaagcct nactggat 378

<210> 678
<211> 381
<212> DNA
<213> Homo sapiens

<400> 678
gccggagaag gacaaattct gagtctcttc gattacactc attagctgca gaagcccttg 60
tcacaatgcc tataagagct gcagagttga caagagccaa cctggggcac tatggagata 120
taaacccttt agatccagat actagtcaaa ggcaagtaga tagtacattg gcagcgtact 180
caaaaatgat gtcgccactt aaaaactctt cagatggatt aactagtctt aaccaaagca 240
actccacctt ggtagcactc ccagagggtg ggcaggaatt gtcagatggg caggttaaga 300
caggcatcag catgtcctta ctcaccgcat tgaaaaattg agagaaagga cagacaaaaa 360

cgcttcagac gatgacattt t 381

<210> 679
<211> 423
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(423)
<223> n = A,T,C or G

<400> 679
cattttcatt atcagaacaa caattagatg cccgacgtcg gggattggaa gaatatctag 60
aaaaagtgtg ttcaatacga gtaattgggtg agagtgcacat catgcaggaa ttcctatcag 120
aatccgatga gaactacaat ggtgtgtccg acgtagagct gagagtagca ttaccagatg 180
gaacaacggg tacagtcagg gttaaaaaga acagtactac agaccaagta tatcaggcta 240
tcgcagcaaa ggttggcatg gacagtacga cagtgaatta ctttgcctta tttgaagtga 300
tcagtcactc ctttgtacgt aaattggcac ctaatgagtt tcctcacaaa ctctacattc 360
agaattatac atcaactgtg ccaggcacct gcttgaccat tcgaaagtgg ntttttacia 420
caa 423

<210> 680
<211> 409
<212> DNA
<213> Homo sapiens

<400> 680
ccggactggg aagatggacg cagctactct gacctacgac actctccggt ttgctgagtt 60
tgaagatttt cctgagacct cagagcccgt ttggatactg ggtagaaaat acagcatttt 120
cacagaaaag gacgagatct tgtctgatgt ggcactctaga ctttggttta catacaggaa 180
aaactttcca gccattgggg ggacaggccc cacctcggac acaggctggg gctgcatgct 240
gcggtgtgga cagatgatct ttgcccagc cctggtgtgc ggcacctagg ccgagattgg 300
agggtggacac aaaggaagag gcagccagac agctacttca gcgtcctcaa cgcatttcac 360
gacaggaagg acagttacta ctccattcac cagatagcgc aaatgggag 409

<210> 681
<211> 338
<212> DNA
<213> Homo sapiens

<400> 681
ccttttcaaa acccgcccca agcccattat caccaggagt gtgtttgaca aggactgcaa 60
aagggtttctc caggtggatg attttcccat acaggatatg atgccccacg atcagcacag 120
ggattccctc agtgggtgtaa tgtaggtctc ccaggagggt tccagctaata ccagtgcgtg 180
agcgagcctc gatctcccc tgtagctcca tcagcaccca ttctgccagg cctccagccc 240
tcgcactgga aataacaatt tgcaccatga gctttctgtc tttaaaaagc aagtgaanaa 300
aagctgcaat ggcggccgca ggagtttttt tttttttt 338

<210> 682
<211> 280
<212> DNA
<213> Homo sapiens

<400> 682
gcgccagtcc acttgagaat ggaggcaggc acctccttgg aagggaataa ttaactttca 60
cgttgcctaa tctgtcattt ctggtgttaa tctagtggta ggtttatagc tgaagctttc 120
tacttaagcc gggtttaaaa acacgtccac aaaaggatat tttcttataa aaccagagtt 180
ggcccggcgc agtggctcac gcctgtaatc ccagcacttg ttcgagacaa acctggcgaa 240

catggtgaaa ccccgctctct actttttaaaa aaaaaaaaaa 280

<210> 683
<211> 487
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(487)
<223> n = A,T,C or G

<400> 683
tttgaancct tttgnactct anaatacaag ctacttggtc tttttgcagg atcccatcga 60
ttcgaattcc gttgctccat ggtctactgg catgcactgg actctggaga tgcctcccca 120
gtacaggctg tgtttgcccg gggaattgct gccagtggcc acttcatctg tgtgggtgag 180
ggagccaagt gcagggcatg gaggggtgct ggggcatgtg ggctgtggcc agganaataa 240
tgagggcctg aggaaattgt ggaaagtac aggggaaggt ggaagtggag tggatcaca 300
gactccagta aaccatggaa gggttcagag ggtcaggggt ggataagaca aggctagtga 360
atgaaggggc atggccgttg gagcagttag agggggtttt gttactaagg tttctgggat 420
ggagtaagtg ttgagtatgg tggctggaga cccaggaggg tcaggaagtc atcactgnag 480
tactggt 487

<210> 684
<211> 428
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(428)
<223> n = A,T,C or G

<400> 684
ttgagnnctt ttgtgnactt agaatecnct cnnggacttt ntgcaggatc cctccnttgc 60
tntnnngcna ccgngnttg agtgctcata gtacatctgc aaccgcgacc atggtcggga 120
agaacaagca gcgaactaaa gggaacctga ggccttcaaa cagtggccga gctgcagaac 180
tccttgccaa agaacaggga acagtgcctg gatttatttg ttttggaaca tctcagagtg 240
acctaggcta tgttctctgt attcaaggag ctgaagaaat tgacagtctt gtagattctg 300
atttcgaat ggtgctgcgg aaactttcaa agaaagatgt caccacaaaa ttaaaagcta 360
tgcaggaatt tggaacctg tgtacagaga gagacacaga aactgtgaaa ggagttcttt 420
catattgg 428

<210> 685
<211> 339
<212> DNA
<213> Homo sapiens

<400> 685
agttcgtggt tgtgtggcgt ggctgccttc catcagcaag tttgagtgtt gatgtgaggc 60
caccctcttt tgaaatggat tgtggctcgt ttggaatagt tacacagtgc tgtgccattt 120
ggtaactcca cacatgtacc gaaaggtgag cccacagtgg aacgctctc aaccaaagtg 180
gtttaaagt gcagaaaagg gtaattgtgc tgggtgggtg gtgtgctgaa tttgtagcga 240
catcagagtc aagcattatt tgtcctgctg ctttcttgga ggtcacagta actataaaac 300
cgtgagccag caaggcagag aggacccttt ggggtaagg 339

<210> 686
<211> 440
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(440)

<223> n = A,T,C or G

<400> 686

gctccgcccc	ggatgggatg	tggcgccctt	ttccgctcgc	cctcgcgccc	ccccgcgcc	60
gcgagcgtaa	attccggcgg	aggggagcgc	tggcaggccg	gctcctccca	ctctgggcag	120
cgggggtccc	cgccccctcc	cccactatct	ggcagcgtct	gggggtcttg	ggcagcttcg	180
ttcattcacc	cgggggaggt	gggtttcccg	gaagggtcgg	aagctcctcc	ctcgttctct	240
ggtgggtaat	gggggtgggt	cctttgactc	cgggggtgga	aaagcgaccc	cacattcaag	300
gacgccaatg	gcatgttgag	ctttcccaat	ctaaaccagg	tgcgtggagg	gaagcaagtg	360
cttactccca	gcttgaaccc	tgagcagcgg	tctctaactt	tagtgtcctg	tggccanacc	420
tgggaagnggg	taagaacctt					440

<210> 687

<211> 423

<212> DNA

<213> Homo sapiens

<400> 687

gggtaggaca	aggaaggagg	gggtgagttt	agcagccagt	tggggaaagg	atgcttgcag	60
agtgtcagtg	taacttggat	tcccactcat	ctcttctctc	tcccaaggat	cctgaatcaa	120
cgtagtgtga	agggacaaga	gtgagcacct	attgatcacc	tatgataggt	cagacactgt	180
ccaaggctcc	ttctctacac	tggctcattt	aatctttaca	tctcactata	gaatagatgt	240
accaggtggt	ttccacatca	acgaccacca	cgcgccccat	ccaccccacc	cagatgtgtc	300
tacaccctca	gatttcaact	gaaatgttcc	atccttagtg	cagccttccc	cagccctcca	360
gaccagggtta	gatctccctg	tcctatgttc	ttatgtcccc	tatgctttcc	ctccatggac	420
tta						423

<210> 688

<211> 408

<212> DNA

<213> Homo sapiens

<400> 688

attgtgtttg	catgttatat	tacttgatac	tctaagcata	ttacaaagtt	ttcccacatg	60
taaaccctcg	aaaggttagt	ttcattagat	ttttgtggca	gaaattttta	tgaagtgtta	120
cgtactggag	aggtttcata	agtatatact	tattttatta	ttggcatact	ctattgaaag	180
gggttttctg	gtagctgtta	gaaacaacta	tatttgacat	aagaatatgt	atgtatttta	240
agacataagg	ttaatagggc	tgacaaatat	gagaaccagc	tgattgggtta	gagtcgtggg	300
aaaacttata	acttgggatg	tttctgggtg	tctagttgta	tttcttggag	gagaagccgt	360
gtgatgtaaa	tgccgttggt	taacaccact	ttgagaccag	agctgggt		408

<210> 689

<211> 407

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(407)

<223> n = A,T,C or G

<400> 689

gagcaagaga	gaagacagtg	ggtgaagtcc	tggttccaga	ctcccctttt	tgccgggata	60
tgatggatct	gtcagctggt	gcctagagtc	ctacagagct	agagatggag	ggaaattcag	120

atcatctaaa	cccttcagcc	cttcactgga	cagaagagga	aactgaggct	ccatctgcat	180
gacgttccca	gagtcacggc	acaaattcat	ggaaaaagca	acaggaaact	cagttctcca	240
cactgggtcc	aatgtgtgtt	ttaaaaaatat	ctccacaggg	ttaatgactc	aatttttcat	300
gcatgattgc	tagtaatgac	aatcatgtta	tgtttgtttc	tgtacttttg	aaatcactcc	360
ttcacttgag	tttcaggtcc	caactgncca	cacctgcagg	aatgagg		407

<210> 690
 <211> 410
 <212> DNA
 <213> Homo sapiens

<400> 690						
gcttctcctc	ctcatggtct	agtgtggctg	caccggctct	ggccctcata	cctcccggca	60
ggaagccttc	ttctaggtga	agaagagcaa	atccccacct	ttcaaggacc	ctcactgcaa	120
gttgtccctg	tgactccgtt	tgtgtcccat	tgagtacgac	gcttccctgc	acaggatgct	180
aggacacgtt	gtctttatct	cgcacacagc	tgaaattttc	tactgagaag	aggaaagtgt	240
ctgttgaaca	aaaactagca	acctcagcca	gtcagtgcac	gaggggagag	gtaagaagag	300
atgaagatgg	aggggcagcc	cgaggccggc	tcccagagcg	ccgcgtgacc	agagcggacc	360
ctggagtacc	gtcagtgcag	gaggacgtgc	ataggagaga	tcagagcaga		410

<210> 691
 <211> 407
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(407)
 <223> n = A,T,C or G

<400> 691						
gcaacagcca	caggcagact	gaggtggcaa	taggaaatct	gccgagatgt	tcagtcaggt	60
gcccaggacc	ccagcctcag	gctgctacta	cctaaattcc	atgacacctg	agggccagga	120
gatgtacttg	cgatttgatc	agactacaag	acgctctcct	tacaggatga	gccggattct	180
agcacgccat	cagctagtga	ctaaaattca	acaaggtgag	tggccggcag	tggaaggctg	240
ttgctcatct	tgattactgt	tggtctctatt	tcattgctaac	ccagtttttt	ttgtttgttt	300
gtttccactt	tataacatat	ggattttctat	gccacactac	ccgtagcttt	gaaaaataac	360
tttangatgn	agttttcagc	aaacaggaca	gtccttanct	gccacat		407

<210> 692
 <211> 408
 <212> DNA
 <213> Homo sapiens

<400> 692						
attcaccatt	atgagaaatg	cttcacagtca	caaaaatgca	gccagactca	ctctgaggaa	60
gaagcaggac	ttggtacggt	tttacacaac	tccttaccat	taaactgaat	cagaaatcca	120
ttttctggct	gaataaaaaag	tttggttgc	ctgtgtaatg	cccactccct	tccccctggc	180
tccttagtga	tgggacatat	atgagagaga	agtgtttttc	tatcatagac	accacagggg	240
aaagtttggg	gatgaaggag	agcttaaagg	tgtttcaatt	aagttagaaa	actgacacag	300
gctgttgaga	attcctttgca	cttttccac	cccaaacag	catggggcct	gacatcttct	360
gccctgggtc	cctttctctt	gatgtggaaa	gtctgaatgc	agtattta		408

<210> 693
 <211> 424
 <212> DNA
 <213> Homo sapiens

<400> 693

aaaacgccgc	tttgactgtg	ccttggttctc	acagctggcg	ggaagcaagc	gccttttcga	60
aagccagagg	ctcgagttac	ccctcttacc	accgtcatgg	cagtcccagg	ttgcaacaag	120
gacagtgtca	gagcaggctg	taaaaaatgt	ggctaccctg	gtcacctgac	ttttgaatgc	180
cgcaattttc	tccgagtaga	ccctaaaagg	gacatagttt	tggatgtcag	cagtacaagt	240
agtaaagata	gcgatgaaga	gaatgaagaa	ctgaataaat	tgcaggcatt	acaggaaaaa	300
agaataaatg	aagaagagga	aaagaagaaa	gaaaaaagca	aagaaaaaaa	tcaaattgaa	360
aaaaaaaagg	aaaaggtctt	actcatccag	ttccactgaa	gaggacactt	caaaacaaaa	420
gaac						424

<210> 694
 <211> 386
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(386)
 <223> n = A,T,C or G

<400> 694						
ctccctacca	gatgcaggaa	ctcctggact	ccttggtggg	ctggccctgg	ctagcccttg	60
ggcctcggag	atgatcagag	gtgaagaacc	gcctggaaga	ggaaggccag	ggtttgggcca	120
ggagaactaa	gaaggtctca	actccaggct	ttggtgtggt	taagctattg	agagccccag	180
gccacaccag	gacttgagct	gggtgggaatc	cattcctctt	ctgccctgtg	ttgcagggaa	240
ctaggaggta	agggngnang	gccanenttt	cnctccttgn	tggcgngnga	ccatncnata	300
cctgcttttn	ttgatggcca	ancagtatna	acngnatcnt	gagcgnnctn	naangngncn	360
tgncaggnac	ntaactcntn	nctctc				386

<210> 695
 <211> 389
 <212> DNA
 <213> Homo sapiens

<400> 695						
ccaggctgga	gtgcagtggc	acaatctcag	ctcactgcaa	cctctgcctc	ccaggctcaa	60
aggatcctcc	cacctcagct	tcccaagtgg	ctgggactac	cggtgtgtac	caccatgcct	120
ggctagtttt	aaaatttttt	gtagagacaa	gttctcacta	tattacccat	gctgggtcttg	180
aactcctggg	ctcaagtgat	cctctaagcc	ttggcctccc	aaagtgctgg	atttgagggc	240
atgagccaca	ccactcctgg	ccctggttgt	gttttctaag	ctagactctg	tgcttgccag	300
caaagcttca	tgacttctct	aaaggggcaa	taagtttgcc	tttagagaag	tcaggggagct	360
atattcaggc	atccagccca	accagttgt				389

<210> 696
 <211> 387
 <212> DNA
 <213> Homo sapiens

<400> 696						
gagatttctt	actaaccatt	tgcattggga	cagtgaggct	gggggaggga	ttcagtgaga	60
gattactgaa	aaaatgagta	tttatcacta	cagaaagggt	aatttgcttt	tcaccgttta	120
aactttttta	aacatggtct	tttatcagaa	ttggcatttt	gagaagaggg	tgaactgagt	180
taaacaatga	agcaattcta	gagctctgtt	gtccagtgtg	gcagccacca	gcaacatgtg	240
gctattttaat	tttaagctat	ttatggccag	tgcggtggcc	cacgcctgta	atcccagcac	300
tttgggaggc	tgaggcaggc	aggtcacctg	acttctctga	ggtcaggatt	tccagaccag	360
cttggccaac	atggcaaaac	cccatct				387

<210> 697
 <211> 402
 <212> DNA

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<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(402)
<223> n = A,T,C or G

<400> 697
aagaataagc tgggcacggt ggctcacacc tgtaattcca gcattttggg aggccaaggt      60
aggcggatca cctgagggtcg ggagttcaag accagcctga ccaacaggga gaaacctcgt      120
ctctactgaa aatagaaaac agttagccgg gcgtgggtggc acatgcctgt agttccagct      180
gcttgggagg ctgaggcagg agaatcactt gaaccacga ggcgagggtt gcggtgagct      240
gagatcacgc cattgcgctc cagcctgggt aacaggagtg aaactccgtc taaaaannaa      300
aaaaaaaaan gnattnnntn ncgnnnaaaa aaaaaaaaaa aaannncgng naaaaaaaaa      360
aaannaaaaa aaantgggaa anaaaatttt aagggccggc cc                                402

<210> 698
<211> 389
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(389)
<223> n = A,T,C or G

<400> 698
gcctggagct aagtgccgag agcgaggccg agatggccga gtggatgcag catctctgcc      60
aggctgtgtc caaaggggna nnngtgnaag gtttnactnc canccctgc atacnntgct      120
gcctggtctc cacggatgac cgcntnttta catgccatga ggattgccag accagcttct      180
tccgctcttt gggcacagcc aagctgggcg acatcaagcg ccgtctccac cganccgggc      240
aaggagtact gcgtcttgga gttcttccag gacagccagc agctcctccc gccctgtgtc      300
atctatctga gctgacttnt gaactggacc gattgctgct gcactgaact ctgggtggaa      360
aaccatttat nangtggacc tccccacac                                389

<210> 699
<211> 391
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(391)
<223> n = A,T,C or G

<400> 699
ggggaaccaa cggaagccga agccagagct agagcatcta atgaagatgg tgacattaaa      60
cgtattttcta ctaaggaatg ggctaaatca actggatatg atccagctaa actttttacc      120
aaggttagat ttactttttt ttataatcat ggatagatgt attgttgtgc atagatgtat      180
tgctctagtt ctgcttggtt taaaatagcc cataaaattg aattaagctt ctatgtatat      240
gccttgatgat gtcttaataa aatgattgat gccgtccgga tatgcaagtt taaaatggt      300
accatctaca ctaagtctat cagtatagca tctaaatagg aggtaaaang agagggtggct      360
tgtatacctt nttggngngc tttnccttctc t                                391

<210> 700
<211> 405
<212> DNA
<213> Homo sapiens

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<400> 700
gattgtggga gaggtgggtg ctgtgagga gtctgctgtg actggactgt aacaggattt 60
acttgagaat ttgaggtgtg ttgggggcag ggtcaggagc aaaggcttgt ttcccctact 120
cagcggctgc tgctgcaggg ccgggcaaca gtggaggtca tgcaggaagg gtgttcgctg 180
aagaccgtgt tctgtgactt gaagatgggt gttcctccc tgggggtgga atggagactg 240
gacgccgtgt ggcttgagag tggcatcctg cgtgacctg cgtgtagtgg gcttacagca 300
gagctagtcc ttctctata gattcttttc atagtttgcc tgcctttaga ttctctgatt 360
aacgcattct aggtgggtcc caggagtctg ccacctgcca gccag 405

<210> 701
<211> 408
<212> DNA
<213> Homo sapiens

<400> 701
aagaaaaggc ttaatggtta ggatttttaa gtattcccaa agatctgaag ggtaataaaa 60
tgtactggat tttttaaggt ggtacaaaa atgaatgtct gtcatatatt tatattacaa 120
atacattata tttatgttct attcatcttt tgaatgttta gtatgctatt aagtcattct 180
gaatctttgt atttgctttt gcaaataagg atttcaaagc tcttttccta actggttaag 240
taaaataaaa aattgagctt tctagaatat ttgcctaatt gggaattaaa aagtaaaata 300
ataggccagg catggtggct catgcctata agcaccctgg gaggccgagg caggcagatt 360
at ttgagctc aggagtttga gaccatcctg gcacatggcg aaacccta 408

<210> 702
<211> 383
<212> DNA
<213> Homo sapiens

<400> 702
gcccctgtgg agggcagccc cgacaggaag cagtcccgtc ccagtctgag catagccctg 60
agcagtgggc tggagaagct caaaacagtc acatctggga gcattcagcc tgtgaccag 120
gccccccagg ctggccagat ggtggacacc aaaaggctga aggactcagc tgtgctggac 180
cagtcggcca agtactacca cctgaccac gatgagctca tcagcctgct cctgcagcgg 240
gagcgggagc tgagccagcg ggacgagcat gtgcaggagc tggagagcta catcgaccgg 300
ctgctggtgc ggatcatgga gacctacccc acgctgctgc agatcccccg ggccccccca 360
aatagccttc tcaccctacc cca 383

<210> 703
<211> 393
<212> DNA
<213> Homo sapiens

<400> 703
gcctttctcc ttagaggcca gaggtgctgc cctggctggg agtgaagctc caggcactac 60
cagctttcct gattttccc tttgggtccgt gtgaagagct accacgagcc ccagcctcac 120
agtgtccact caagggcagc ttggtcctct tgtcctgcag aggcaggctg gtgtgacct 180
gggaacttga cccgggaaca acaggtggtc cagagtgagt gtggcctggc ccctcaacct 240
agtgtccgtc ctctctctc ctggagccag tcttgagttt aaaggcatta gtgttagata 300
cagctccttg tggctgaaa acaccctct gctgataaag ctgagggggc actgaggaag 360
cagaggcccc ttgggggtgcc ctctgaaga gag 393

<210> 704
<211> 367
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(367)

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<223> n = A,T,C or G

<400> 704

gccaaggact	gaggtttctc	tggacttgtg	agagcgacat	gtgcagcacc	tgggcaggcg	60
tgaggggtgg	acttactttg	tggaaacacat	gggagcatga	aagcagcacc	tgttcatgag	120
gaaacagaac	gacgttgaag	tttacaaaag	agaagcagca	tgtatccaac	agttaaaatc	180
ctgaatgctt	agaagggaaa	gtgtgctcac	aagaaaactt	cacctttctg	tgacccaaat	240
tccccactaa	acagtgatat	actgggctgt	gacaaaagac	tgaagcttag	accaaataaa	300
gaagaaggca	gtgggtactt	aatagaaggg	acaggccgcc	agcccaccag	cgccaggggc	360
tgngggc						367

<210> 705

<211> 377

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(377)

<223> n = A,T,C or G

<400> 705

aactggagca	aggtggtgag	ttcaggctca	gacatgaacc	tgggaaggcc	cacagcctgg	60
atgcacacat	ggcctggggc	tggatgagtg	tggacctgag	ctgaagtggg	gcctggcagt	120
caccattgag	gatgaatttg	cccaagctag	ctgggcagag	tgacagcaaa	gggtaaagggt	180
agaaccttca	ccctatggaa	acatccagag	cattcactca	ctcaccattc	attcattcat	240
tactcactc	cacaaatcca	cgggtgagccc	cttctgcgct	ccaggtagtg	ttctctgtgc	300
aggggcatta	gtggtaaggg	cctgtctcct	ggagctcacg	gtctatggca	gaaactgcag	360
tgaccacng	acatcat					377

<210> 706

<211> 407

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(407)

<223> n = A,T,C or G

<400> 706

taggatcctg	gtgggcgggtg	ggacttgggt	tcaaagaaga	ccaagcaggc	agacgtgttc	60
gggggcccgc	gggttccgag	actggagact	ggaccttttg	ctgtccccac	gtgcattcta	120
ggtcaacggt	gcggtggcag	aaccttgggg	ctctcccccg	cggaaactcg	ccctggccga	180
ggcccccaac	acgctagtag	gaggaggccg	agcatccctc	ctcgaaatcg	cgaaatcccg	240
gcccgcacaat	gtagccacgg	agtcgaaagc	cgcgtgcgaa	cttggcactc	acaaagccta	300
gataaccgtc	tattttctcc	tgtaaaatan	gagggatgga	ccccacaga	tattgtataa	360
aggtcttaca	aagaaaaatc	cttctggact	ggcacggtgg	ctcacgc		407

<210> 707

<211> 392

<212> DNA

<213> Homo sapiens

<400> 707

gtatttggaa	aattggttca	agctgggtat	gagacataag	tgtagtcagc	tctgggagaa	60
ggttgctctt	aaggagaagc	agggacctgt	ggttttagcag	caggaagtgc	aaatgggact	120
ggcttgctgt	ctacctggca	gacctggatt	ggcttcaggc	agccagtgc	tggaaaagcc	180
tggagaattg	ggccgtactt	gacctgtatt	ctcatcaggc	acagatgaat	cacaggcacc	240

taagaatcgg	cacagaactt	ccatgaggcc	tcagtcagca	ttttttcaca	aaatgagctg	300
aggccattca	aggaggctag	aaagagggaa	ctgaatccag	agaggaagag	tctatagtca	360
tcaagttgta	tccatgccag	cctccctcca	ca			392

<210> 708
 <211> 401
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(401)
 <223> n = A,T,C or G

<400> 708						
gggagccaag	gcttgccagg	gagaggctct	tggagtggcc	cgaccgggaa	ctggatcggg	60
tcaacagctt	cctgagcagc	cgtctgcagg	agatcaaaaa	caactgtcaa	gactccatcc	120
gtgccagctt	cagtgtgtgt	gagctcagca	tggacagcaa	tggcttctct	aaggaggggg	180
ctgctgagcc	tgagcctcag	agtctacccc	cctcaaacct	cagtggctcc	tcagagcagc	240
agcctgacat	caaccttgac	ctgtcccttt	tgactttggg	ctccctcag	aaccacacgt	300
tacaagctcc	aggcgagcca	gccccaccat	gggcagaaat	gagaggcccn	nncccnccat	360
ngnccgaggt	gagggggccc	ctccggtatc	gccccagaaa	c		401

<210> 709
 <211> 382
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(382)
 <223> n = A,T,C or G

<400> 709						
attctgtgga	caccgagtcc	agcctccggg	aggacgctga	gggaaccttt	tgggacagcc	60
agggcagaga	acgcctttta	cttcttaagg	ctctggatca	aaacagagaa	gcttctgttt	120
tggagcctgg	caatcctcga	acatcagtgt	gcatttttaag	ccataaagcg	caatactgat	180
tacaaacagg	aatacggagg	gcttccttta	aactgcttca	agaaaacaaa	ctcctcgggg	240
acttccgaaa	ggagctctca	ccatagctcc	tgcaatccac	tctgaacagg	aaacctttctc	300
atctatttat	taaaactgac	cccagaaaaga	ttttcaacag	ggaagcctgg	ctttatgttg	360
nggtatagcc	ncaanagaaa	ga				382

<210> 710
 <211> 408
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(408)
 <223> n = A,T,C or G

<400> 710						
gccccccagc	ccgagcgggg	aggcgagcat	gagcccccca	gccggccctg	tggcctcctg	60
gatgaggatg	ggagtgaacc	cctccctggg	cccagagggg	aggtccctgg	aggcagcgct	120
cactatgggg	ggccctcccc	tgagaagaag	gcaaaaagtt	cctctggggg	cagctccctt	180
gccaagggcc	gggctagcaa	gaaacagcag	ctcctagcca	cagcggccca	caaggattct	240
cagagcatcg	cccgtttctt	ctgccgaagg	gtggaaagcc	cagctctgct	ggcatcagcc	300
ccagaggcag	aaggtgcctg	ccctcctgtg	aggggggttca	gggacccccg	atggccccan	360

agaagtacac aggggaggaa gatggaccgc ggggacattc cctgccct 408

<210> 711

<211> 357

<212> DNA

<213> Homo sapiens

<400> 711

gggtggtttg	ctggagatca	gtcaacagtt	ctctgaagca	gtgtcgatgg	gcctatccac	60
gtcaggtctt	catttctgat	attgctttaa	atagaaatga	aattctattt	gttacgcaag	120
atggagaagg	atthagaggg	agatggtttg	aagagaaaag	aaagagttct	gaaaagaaag	180
agattttatc	aaaccttcac	aattcctcat	cagatgtgtc	ttatgtctct	gatataaata	240
gtgtgtatga	aagaattcga	cttgagaaac	ttacctttgc	acatagagct	gttagtgtca	300
gcacagatcc	aagtggatgc	aactttgcaa	tcctgcagtc	agatcctaaa	acaagcc	357

<210> 712

<211> 353

<212> DNA

<213> Homo sapiens

<400> 712

aacatgttga	aatgtcacat	tagtagtaaa	gtgggggttta	tttatatagt	ggttaagaaa	60
tgtcagttta	cactgctgta	tacttcttct	tctgtgtccc	taaggcctgg	tacagtgccca	120
agcacatact	tggatatcaa	taaatatttg	ttggatgaat	gtatgcataat	gtattcagta	180
tattttaaat	gaataatcac	agaagtaagt	ttaatatattg	tcctattttt	ctctgtcact	240
tcctttttct	ctaaggcagg	aaaggaaaga	cattaaacca	ttaattaagt	caatcctctt	300
ggagactcaa	aagactatga	agtgatcact	ctatataaaa	tataaataca	gtg	353

<210> 713

<211> 355

<212> DNA

<213> Homo sapiens

<400> 713

gcatgggtcat	ttgtttggga	ggtaatgata	ggagcagaaa	tgaaaaatct	ttgagaagat	60
tgtgaaattg	gaaagtgtgg	agttctagaa	cagaataaat	tctagagtta	gaggaggtgc	120
tttttcatga	atgggtgtac	cgtgtgttga	gagagtggag	tgagaaatgt	acttctttga	180
tctgtttcac	atagaagcat	gtatcatata	gaaattcagt	ggtggccggg	tacggcggct	240
cacgcctgta	atcccagcac	tttggggaggc	cgaggtgggt	ggaacacttg	aggtcaggag	300
ctcaagacca	gcctggccaa	catggtgaaa	ccctcctctc	actaaaaaat	taact	355

<210> 714

<211> 385

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(385)

<223> n = A,T,C or G

<400> 714

aggtcttttg	ccttcctctc	taaatttgtga	tttcctacag	agtaaggctt	cttatctttt	60
tacctagcat	tattgggtgct	catcaatatt	aagtgcatta	agtgcattga	actcatgcat	120
tcatgagact	aagttttagt	taagtgttaa	ttgcagaaaa	atttagtata	gtaaaatgaa	180
agttttattc	gttctgtggg	acactctgag	ccaccagggg	catagattat	tttaagttgt	240
ctgtgccttt	gctgataggg	aactttgatg	agcaaagagg	aacctggtag	tggtagagga	300
ttgtgaactg	gcctgtgntc	antcatcatt	gganatttan	aattgacngc	tcnnggggtgg	360
ntcccattta	naanacttnt	gattt				385

<210> 715
 <211> 348
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(348)
 <223> n = A,T,C or G

<400> 715
 aaaaaatatt gtttccttaa tggaattctc acttcatttg aatataagat tttggatgaa 60
 aggatttggt ataaagtttg ggtttttgtc tcaaggattt gatccatatt tatccctaaa 120
 tatttcttaa gggatgtaac tttttataac cattaagtgg ggggaagggg gngnagnngn 180
 tgnccntnnn tataactgna agggnantnt ctccatgaa aancctnctt ccccnacttt 240
 actntgnntt tactngngan nccctanana ttntngaate naantttngc ccccnanna 300
 anatanattn nnntnnnct ngngnccaa nncannaatt ntngttaa 348

<210> 716
 <211> 383
 <212> DNA
 <213> Homo sapiens

<400> 716
 gcaggcctca tgggaggatt tgatgaagat gttaaagcga aagtggagaa ctttctcggg 60
 atttccagcc tggaaaaaac ggaccctgtt aggcaagcac cctgcagccc tccctgtccc 120
 cttcttcccc tccccttccc ccgcccgtgg agacagctgt tctcagcagg gctctccgca 180
 gggagggggc cggtctcctc cctggcagca acatccttgc ccttgtcaca caagtcagcc 240
 tccatctgcg cagctctgtg gatgcgctgc tggagggcaa caggtatgtc actggctggt 300
 tcagccccta ccaccgccag cggaagctca tccaccgggt catggttcag cacatccagc 360
 ccgcagcgct cagcctcctg gca 383

<210> 717
 <211> 348
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(348)
 <223> n = A,T,C or G

<400> 717
 gtagaaggct cagtttctct gctcatcaca cggccttcgg cactgtagct ttgggtggtg 60
 ggctgcagat taattttgta accaccttaa gaaaaatacg gtaaggatgat atttaagaaa 120
 aatatttgcg aaatgcgctc ccgagtcaaa catcggttga cttgacacta ctacagtttc 180
 catcacagtc aggcattgat gattcagggtg gagggagttg aagattgttc ttgatgaact 240
 gaatgcagct aatacatttt cagtgccgtt gatgcctcta tgactccgta aaataatcgg 300
 aactctaact ccttgccact caagaaatgn ctcctcttc agaatatg 348

<210> 718
 <211> 379
 <212> DNA
 <213> Homo sapiens

<400> 718
 gtctggatca tattttcaac acagggcaca tgagacagtt gaccatgatc atcaaagacc 60
 agctgtgatg agagaaaggg tttctgcctt ggggcctgta aaaaaaaggg tcaggaaagg 120
 tcgaggggct agatgtcagt atacattcct cagcatctgg ccctggactg cctgccacct 180

ccacacatgc	cacccaccac	ctcacttgaa	ggatgttggc	cacaaaagag	gttatctgct	240
cttccaagac	agaaatgagg	ctctgacaaa	tcatgtagtc	aaccaggcgg	gcaaactttc	300
ccagctgcag	ccaccaggcc	tctgcttgct	tcagcttctg	ctccagttgc	ttgtgctgta	360
ccctctgaag	gtatatgga					379

<210> 719
 <211> 386
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (386)
 <223> n = A,T,C or G

<400> 719						
ggtctgcctt	gcctagtgtga	gcctgtgcac	tctgtctctg	cctcccttca	gatagggaaa	60
ggagcttcaa	attacggggg	gatgtcatag	cacggagtgg	agatgggggtg	gcagggagac	120
agggaggctc	aggggtctctg	gcacacattc	ctcccagagc	aactgtagga	agcaagccag	180
tacagaggta	ctctaagcgc	tagacaggac	gggggtgagt	tcgtaacatc	gtctcctctg	240
ggctggccct	gcttctgctt	agctctgggc	ataagactga	ctccagtaca	gtcacaatta	300
tgtctctgag	ctcaccagct	cctggggttca	ggttcccanc	tctgacctgg	cgagacacac	360
acangctggg	gctgnnggat	gcttgg				386

<210> 720
 <211> 344
 <212> DNA
 <213> Homo sapiens

<400> 720						
gcgggggtacc	agcagagtgg	atgacaagcc	cagctcaccg	ggggacagct	cgaagaagcg	60
aggccccaag	ccccggaagg	agctcccgga	cccctcacag	aggcccttag	gcgaaccag	120
cgccggcctc	ggagagtacc	tcaagggcag	gaagctggac	gacaccctt	ccggggcagg	180
aaagtttcca	gccggccaca	gtgtgatcca	gctggcccga	agacaggact	cggacctggt	240
gcagtgtggg	gtgaccagcc	ctagctcagc	tgaggccacg	ggcaaactgg	ctgtggacac	300
cttcccggcc	aggggtgataa	agcacagggc	tgcttcctgg	aggc		344

<210> 721
 <211> 355
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (355)
 <223> n = A,T,C or G

<400> 721						
cagaaattcc	tggttctccct	gagccagcat	atcaactggg	tcgctgtgc	caagttctcc	60
cccagcgggc	ggctcatcgt	gtctgccagt	gatgacaaga	ctgttaagct	gtgggacaag	120
agcagccggg	aatgtgtcca	ctcgtattgt	gagcatggcg	gctttgtcac	ctatgtggac	180
ttccacccca	gtgggacgtg	cattgccgct	gccggcatgg	acaacacagt	gaaggtgtgg	240
gacgtgcgga	ctcaccggct	gctgcagcat	tatcagttgc	acagtgcagc	agtgaacggg	300
ctctctttca	cccgtcggga	aactacctga	tcacagcctt	cagtgactna	accct	355

<210> 722
 <211> 339
 <212> DNA
 <213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(339)
<223> n = A,T,C or G

<400> 722
ggtgcccata acgggggtggg cctgccgctg actcgggtct cgcgccatgca cgcgtggact      60
ctcggatgag ctcagcagaa ccgcacagcc agagccccag gtcagaagtg cagaccaggg      120
ttctcagcac agtcccctgc gtgcttccat ggcttgctac ggagagagac ctctggatcc      180
aactgggggc tgcgtctggc ccgttgtcca gcaaccctgc ggtaccgcaa gcccatgcac      240
canngtctcg ggggganttn ctgatgnct angagnannc ccncganntt tgtnnangct      300
aatnnnnnca ngcanntntn ancttttctc natnngcgc      339

<210> 723
<211> 308
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(308)
<223> n = A,T,C or G

<400> 723
aaggagcggg gccagactgc tgggaacccg ttctttgagc gttttggcat tgtggtggca      60
gccactggca tggcagtggc cctcttctca tcagtgttgg cgctcggcat cactcgccca      120
gtgccaacca acatttgtgt catcttgggc ttggctggag gtgttatcat ttatatcatg      180
aagcactcgt tgagcgtggg ggaggtgtgg gaggtttttn nnnnncttnt nannttnnnn      240
atntnaacat gannctgntg nnctgctgn cccgctgntt naccctggn gangcactgn      300
tgnnattg      308

<210> 724
<211> 259
<212> DNA
<213> Homo sapiens

<400> 724
aagatggaga aaagtagaat aaaaaagacc atcttttgtc accatcgttt cataaaagca      60
ttttaactcc ctaaaatata agtgggacta tctcaaagaa cactgaacaa tccattaaat      120
tgaattctga tgggtaacag atgaaaaact cacactgtcc ttgttttgtt catccgttca      180
gcttagacct gtgaaaattc tattgcccat cattgaggtc cagtttttgg gaaaaagtaa      240
tgtataaaaa aaaaaaaaaa      259

<210> 725
<211> 450
<212> DNA
<213> Homo sapiens

<400> 725
gaaaaagtgc tcctcttatt tggggaatgg atttcagaag agaccagaag atgttctcgt      60
gttctcacca cagggaaggc agaagcacag agccccacag gctaagaaaa tgagagcatt      120
ggcaacccgt atggcccaag acacatgcaa aagcaagtc caggtgcctc cttcacatga      180
tgctggcctc aaagacccca tgaagagcaa aaagcagcca ctctctcaa ataacagaac      240
tgctgtcttc ataaaagagc aaccacaagc ccaagagaaa gattctgtga atccatctaa      300
ggacgtagac ccagcaagg gcctctctgt tccatgcaa aatcaagagg ttccaccaaa      360
caccatagaa caaggtccta gttccagccc agctagtgat agtggaatgg catgtgctga      420
tgagaccaga tcaaaagatg ttgttttaag      450

<210> 726

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<211> 418
 <212> DNA
 <213> Homo sapiens

<400> 726
 aggcaattct gctatgtttg ttcttcacta tgatttactg tgtgccaaag gagttttgac 60
 agggtagaca gtatttttact aaaagtatgt ttaaatgttt ctcatgtgat ttctgtacct 120
 tcttcctcct gccctttttg ctttttttaa gaaactgggg aaggatttat gaatacacca 180
 ccaccagagt ggataatgct tagaattctt tattggtggc cctactatgg tgatgatcta 240
 gaactgactt acttcaggac agaagaaaaa acaatcacac ccttaacctt taagccagtt 300
 agatcagggg gttgcaacaa ttgggttaaa ctttgggtat acattggaag caccagggca 360
 tgtttgcttt ttttgtttat gtgtttgttt tttgagacgg agtctcacac tgtggcca 418

<210> 727
 <211> 415
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(415)
 <223> n = A,T,C or G

<400> 727
 gtggaggctg ccaagcctgg attccagccg gctccaaacg ccaggctgag gaggcttttg 60
 actttgtcca gtgtcaccac aggccttctg gcagagctgg tccaatgggg gttgggggac 120
 agtggcatac ctgacatcaa cccctgggtt attgacatca gccctggaa tgcattagt 180
 atgcattcca cgggcccagg ggtcatccac tgccttcggg tcaagcaa at ggccagtagc 240
 tgcccaggct gatagagggt tgtgttgagg gggggcacag gccactggcc ctcgccctg 300
 gcctggcagc agggaggcct cagatcttag atgcctgaga gctaccccaa gaagggtctc 360
 ggcacagcta tgggtcccat gcctagtggg gctgggcctt ctnggtgctg cagat 415

<210> 728
 <211> 408
 <212> DNA
 <213> Homo sapiens

<400> 728
 atttttgggc attattgtct aaacaatata gcttaacaac tgttttcata gtatttccat 60
 tatattaggt attataagtc tagagatgac ttaaagtata tgagaggctg tccatagggt 120
 attatgcaaa cactacgcca ttttctatca gggatttgaa catttgacaga ttttggatc 180
 cataggatgt cctggaacca gtccccact ggtactgagg gacagctata cttaaagact 240
 aatatatatg ctctgttttc ctttagagta cttgactcta cacatttcct atagctttga 300
 agacttgtct tccttgaagc agactaaaag ggggacagat gggaggatgg gaagaaccac 360
 acttccataa tcttagaatt attccttctt tgctatgctg acaaaggg 408

<210> 729
 <211> 407
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(407)
 <223> n = A,T,C or G

<400> 729
 caaatcacag cattaataac agtgccttaa ttatgagctg caataattgc tttccagagt 60
 tagacttcaa atcactgagt agctgactta ttaaaagtgt ttattgttct gaaatgtaaa 120

ctaatacagt	tactttgtaga	ttgctgatga	agtgttaata	ttgagatgtc	tttaattgggc	180
ctcctggcat	tctttgaatg	aaatgatttg	tggtctcaaaa	atgctgcggc	agcaganacc	240
ataaanagca	ctnnancata	gatggccttc	naganaaaacn	naatatccat	ngngncaan	300
taacgannac	cccatagant	gcannncgga	gaaanacccc	ngngaattgnt	nnnaaacngg	360
gaaacancct	ccccnannga	nancctttccc	cacgcancng	ngcgcac		407

<210> 730
 <211> 406
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(406)
 <223> n = A,T,C or G

<400> 730						
tatacacata	aagttttaata	gttaatgtta	ccagattccc	tggttaagatc	ttaaaatgag	60
cttccttgtg	ttctcaacaa	cattgctact	aaaaacgaag	tgtggaatat	actcttcaga	120
tagcagcaaa	tgttttgtca	tttcctttgc	ttctgttgat	tttcaaaagt	ttacctcctt	180
aaaatacata	aactattgtg	ttgtagaaga	ttccacatga	tgaagggcat	taatttttctt	240
gtgccactgg	tgccagttga	tcagaccaac	ctaacatgcc	tcagtttcat	gcatattctc	300
acttgttttc	cttctgaata	aaagttattc	taaatctttc	tcttgacttc	tttgtttagg	360
ggagtgggtc	gaacctgctg	tgcttctacc	tacttgatag	gngagg		406

<210> 731
 <211> 407
 <212> DNA
 <213> Homo sapiens

<400> 731						
aacccatagg	aaatatgatc	ctgaggcacc	gaggatgggt	ataggacgtg	gtctgctgct	60
gcatgttgca	ttactgtatg	ctgggttttt	ggtactcttt	ctcaaggctc	tgttattagt	120
tggtaggctc	cagtaatgaa	tatagaggac	tgacagagtg	ggattaactt	atttgcaatt	180
gtttcctact	gaaatcaaat	gcacggtttt	cccaatttaa	gacttggtcc	cttgtaacctt	240
gatttgattc	agaaagccat	ctgtgatgtt	tttgtttcct	ggcgctgca	ggaaaactca	300
tttgatcatga	gttacaatta	ccttgacgtc	attgctatgt	ggttgtagca	cactcattgc	360
taaaaatgg	tatgagtgc	ccttaatcca	tgagctcaac	tgggtgc		407

<210> 732
 <211> 401
 <212> DNA
 <213> Homo sapiens

<400> 732						
aacccatagg	aaatatgatc	ctgaggcacc	gaggatgggt	ataggacgtg	gtctgctgct	60
gcatgttgca	ttactgtatg	ctgggttttt	ggtactcttt	ctcaaggctc	tgttattagt	120
tggtaggctc	cagtaatgaa	tatagaggac	tgacagagtg	ggattaactt	atttgcaatt	180
gtttcctact	gaaatcaaat	gcacggtttt	cccaatttaa	gacttggtcc	cttgtaacctt	240
gatttgattc	agaaagccat	ctgtgatgtt	tttgtttcct	ggcgctgca	ggaaaactca	300
tttgatcatga	gttacaatta	ccttgacgtc	attgctatgt	ggttgtagca	cactcattgc	360
taagaatgg	tatgagtgc	ccttaatcca	tgagctcaac	t		401

<210> 733
 <211> 402
 <212> DNA
 <213> Homo sapiens

<400> 733

gtttttccat	gtcgtcattg	agtcattcaa	gttttatggc	tctggatatt	tgaaattatt	60
ttggacaccc	aaatttggaa	tgtttctttc	tgaattgtga	taacgccaga	aaatttttga	120
gatcagaaaa	gggcagttta	tttgctttaa	aataatacag	ctttttagg	ggactcgtga	180
tacttgggca	ttatttcctc	tccacattaa	aaggaaagca	gtgggcagga	aagatgcata	240
cagcacataa	cctcattaca	taatacaatg	tttctttgga	accagtagga	atgagttggt	300
ctggaaaaca	attttagag	gttttatcac	ttttagctct	ttaagattta	tcacttttag	360
gccaggcgca	gtggctcacg	cctgtaatac	tggcctttgg	ga		402

<210> 734

<211> 398

<212> DNA

<213> Homo sapiens

<400> 734

aaaacgagtt	aaatatattag	gaggcttgac	agctacctgc	attgtagaac	cttttcttat	60
ctcagtggaa	ccttctataa	cctaaatata	ccattgatga	ttcttcttcc	attcagtgc	120
atccacagat	tatgcagcta	tacttgtgaa	atcgtgcatg	aggccccagg	gcaccgttct	180
agaacaacgt	cacttcacac	aggcagctga	gaaaggttct	cttgcttttc	cagtatcttc	240
ctaaggatgg	agcccaaaat	tgcagagcag	taactttgga	ataaaaaccag	ggtgggtata	300
aaacttctta	ttcttaaatt	tacatataag	atctattaag	cttgacacat	ctgtgtcatc	360
acgcactgaa	gacaggaagc	agttcactga	gtcagctg			398

<210> 735

<211> 397

<212> DNA

<213> Homo sapiens

<400> 735

gataaatatc	aattttaatt	aatactctaa	gaacatacaa	aatggcaag	ccctttacca	60
tcactgttta	ttattgatgg	caacaagtca	aagctagata	tattttattt	gctttgagat	120
gatttttttg	ttatgatttt	atagccagca	atgcttgta	tgcatccatc	aacaaaaagt	180
tgtaaacac	ctactgccaa	agaaaaatca	aaatgtcacc	atcaaggcca	tcattggtgta	240
agaaaacaga	cctatactca	ggcaacttca	gttcagtatg	atggatactg	tattagaaaa	300
agtatctggg	cgctttgtat	gaggaaggac	atgtcattgt	gtggagaaga	tgaagcttca	360
ctgaggagag	agtgccctgg	cagtcctaac	atttgtt			397

<210> 736

<211> 388

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(388)

<223> n = A,T,C or G

<400> 736

aaaaaaaaaa	actcccatga	ttaaagttta	cctacataac	aaacctgcag	ttgtaccact	60
gaacttaaaa	taaaagttaa	aaaataataa	taataatttt	tttttgtaaa	natggggngt	120
tgntntggng	cccaggctgg	nctntcaa	tcctgggctc	aagcaatcct	ccgacctcag	180
cctccaaaag	ngctgggatt	acaggcntga	gctacctcgc	cagcctaaat	acattnttga	240
atatgtanct	ttgggaanat	ttattanttg	attaaggact	aggaggtcca	gctaaaatgc	300
aattggattt	ataaggggct	taaatcccca	tttaagggat	gaaatcaaaa	atggcgaana	360
aatcantgaa	ctgnggtctt	aaaaaatt				388

<210> 737

<211> 383

<212> DNA

<213> Homo sapiens

```

<400> 737
ctctttctttt tcttttcttt cttectactt tctcttttctt tctccttctt tcttttcttt 60
tccttccttc cttecttttc ttattctttc ctttttttct tctcttttatt ttttctttat 120
tctctatctt gctctttctt tcctttctct gtctctggct ctttttcttt ttctctcttt 180
tttcttttct ctctctgtgc cgctctcttt tctctttttt tctccttcct tccatccttc 240
cttecttcct tccttccttc tgctcttccc agataaaaaa tattatctgg tcaaaactgtc 300
ccatctgttt gggacaaagg agatccactg agattttgtt caagacgtac attttttaaa 360
aggaaggggg gtagagggca gga 383

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<210> 738
<211> 384
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(384)
<223> n = A,T,C or G

```

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<400> 738
gttttctgaa ttcagatata atgcttttctt ctgctttttt tttgctgtgc tccaaatctc 60
agaaggcact gaagccagat taaaagttaa atgaacaggt gacatattaa agttacaggt 120
ttatgagttt cccactcca ctgttttcat gtagctccag aaccttatag gataatggaa 180
gacagattca gtccaatgct gtttttcaga gtagaatcta tcatgttttt aaagttaaaa 240
attntcagng tacntattaa atacaagttt ttcagattta gaatttggtc ttntgaaaat 300
aagagtcctg aatgtctcct ggacagaaaa ccctggttct gggggtttta ggatccanaa 360
nacagcatgc ccanatgggc ttgg 384

```

```

<210> 739
<211> 386
<212> DNA
<213> Homo sapiens

```

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<400> 739
aggaggtgac cctcagactg acagtgagtg agtccgagca tcagtggctt ctggagcaga 60
ccagccacgt ggaagagaag ccttacagag atgggtcggc agagccctgc tgatggctgg 120
gccttgtagg cagccactct gtgtgagcag ggtgttgggc ccatacactt caaagaccag 180
agccctgcac tgggagagtg ctccctggccc aggctgggaa tcacctttcg aggcccttca 240
gactctggcg gggcttgctg tggcctccct ccagctagtg gtgtggctga gcagactcca 300
gggcccaggc cagttccctt ctccctcccg gccaaacca gaccagact ctaagaagct 360
ggaatggagg gcagggatcc atggga 386

```

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<210> 740
<211> 383
<212> DNA
<213> Homo sapiens

```

```

<400> 740
gggactggaa gcctgccatg gcggcttctg cggcggagac gcgcgtgttt ctggaggtgc 60
ggggacagct gcagagcgcg cttctgatcc tgggagaacc gaaagaagga ggtatgcca 120
tgaatatctt cataatgcca tcttactcc agatgaaaac ccctgaaggc tgcacagaaa 180
tccagcttcc agcagaggtc aggcttgtag ctctctcttg ccgtgggcta cagtttggtg 240
ttggagatgg actgcacctg cgactgcaga cgcaagcaaa attaggcaca aaactgattt 300
caatgtttta tcaaagctcg caaacccaag aatgttgcac gttttattgc caatcctgcy 360
gtgaagtcac aataaaagac aga 383

```

```

<210> 741
<211> 408
<212> DNA

```


<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(408)

<223> n = A,T,C or G

<400> 741

cagggctgca	caggagcaag	agtggaggcc	ctgggtcagg	cagatctaga	ttcaaactcc	60
cgagaagggg	ggaggggaagt	gctccaagca	gagcagagac	tgaaggcggg	agagcctggg	120
gcaccgcgga	cctgcagggg	gaaggcgtga	gagctcgggt	cactggggac	ctgcatgggg	180
aaggcgggag	agctcgggtg	actggggacc	tgcatgggga	aggcgtgaga	gctcgggtgca	240
ctggggacct	gcatggggaa	ggcgggagag	ctcgggtgcac	ctcggacctg	cagaggggaag	300
gtgggagagc	ttggtgcacc	gcanacctgc	anggggaagg	cgggagagct	tggtgcactg	360
cagacctgcg	gggggaagg	gggagagctt	ggtgcactgc	acacctgg		408

<210> 742

<211> 400

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(400)

<223> n = A,T,C or G

<400> 742

gcacctccag	agcatgaggc	tctaagggga	catgagtaaa	gcatgtctgt	gacccagtga	60
ggaagggaga	ggccagctgc	actcctgcac	ggggttccta	gctgcagaag	gggtcccgcct	120
aggccgaggg	gaaacacctg	atagcagaag	aggcctggat	gcacacctgg	cacgccgagg	180
ctctccgccc	agacacagtg	ctccatgtca	gcccctgcac	ctgggggtgtg	tgattcacgt	240
gcacagatgc	cacaatcctg	caccaatatc	ccacagatgg	gggaagggtga	gaggaagggg	300
gaagtgatgt	gtaactgctc	aagagatgct	taaacctcca	tagagaggag	ccgggcgcag	360
gggcattctgt	gtgtccgtca	cacactgcag	canggaaggg			400

<210> 743

<211> 378

<212> DNA

<213> Homo sapiens

<400> 743

gggcctacgg	ggcggggggcg	gggcgggcagt	gagctcggcc	ggcaaccgag	ggacccgcgt	60
ccagatcttc	agtgtctatt	ggattttttcc	aagagaaagt	ttgtaaaatt	ccttacactg	120
tagatgtgga	tcagatacga	tgattcagta	gaagagcaca	tgtcaggggc	agtggaggct	180
ggctgctgaa	ggatgaacgg	agaggaagaa	ttctttgatg	ccgtcacagg	ctttgattct	240
gataactctt	ctgggggaatt	ttcagaggca	aatcacaaag	tcacgggaat	gattgactta	300
tacaccagca	aaaataatag	gattgggaaa	actggggaga	ggcctctcaa	gaaaacggaa	360
ttcagaaaca	caggacat					378

<210> 744

<211> 403

<212> DNA

<213> Homo sapiens

<400> 744

gcaaaatata	ctttcaaatt	aagaatgggt	ctgtgatgtc	acatctagga	gcacctaccc	60
atggacagac	atgtcttccc	atggaggagg	ctttcgagct	acccttggat	gatttgtgaag	120
tgattgaaac	tgacgagcg	tccgaagtga	ttaaataatga	gtatcatgtc	ttatatcct	180
gtagctacca	agtgcctgta	ctttacttta	gggcaagctt	tttagatggg	agaccttta	240

ctctgaagga	catatgggaa	ggagttcatg	agtgctataa	gatgcgactg	ctacagggac	300
catgggacac	tattacgcaa	caggaacatc	caatacttgg	gcaacccttt	tttgtacttc	360
atccctgcaa	gacgaatgaa	ttcatgactc	ctgtattaaa	gaa		403

<210> 745
 <211> 153
 <212> DNA
 <213> Homo sapiens

<400> 745						
gtcaaaaata	aaggaatcat	acatctcaac	ttactgagca	atgccgtagc	tatggaatat	60
gaagcatttg	ttgcactctt	tttgtgagcc	aggcattgct	cagtaagttg	aggtcaaaaa	120
taaaggaatc	atacatctca	aaaaaaaaaa	aaa			153

<210> 746
 <211> 398
 <212> DNA
 <213> Homo sapiens

<400> 746						
gcgctggcca	tgaaacacat	ggatctgaag	cagatggagc	tggacacggc	ggcggccaag	60
gtggaatgaac	tgaccaagca	gctggagtcg	ctgtggtcag	actctcccgc	gcctcctggc	120
ccgcaggccg	gaccccttc	tagggtaagc	ctggttccca	ccttgatctc	caaagccagc	180
ctctcgccac	agtccagacc	agaggcctgg	atttcaggca	aaattgcccc	atatagttat	240
gcaggttgtg	ggctcttcaa	gggaacttga	aaaaagggga	ccaggccagg	cgcgatggct	300
cagacctgga	atcccagcac	tttggaaggc	gaggtgagag	aattgcttga	gactaagagt	360
ttgagaccag	cctctacaaa	tgatttttta	aaaatctg			398

<210> 747
 <211> 372
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(372)
 <223> n = A,T,C or G

<400> 747						
gaagaattct	aaaggaagag	actgctatga	gatttgaagg	attagtaagc	actagctaag	60
taatgtaggg	atgcacagag	tgggaacaag	gggtccatta	tcacagcaaa	agaaatcacc	120
caaagattct	gtgccagttg	gagtgtgaaa	cttctcagga	tctgaaaaaa	tccagagtag	180
gtaaattaca	gagaataagg	gagagaatgc	tgcaacctga	tgccataaag	agctagaata	240
gcctcgttaa	ggtctgatgt	cttactcaag	agtaaagtat	tataagctgg	gtggtgagag	300
gagtaagtgt	ccttatcaaa	gtaatgaact	gctgtagagt	tgattaaaga	gaggnaagat	360
ttatctgaag	ag					372

<210> 748
 <211> 374
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(374)
 <223> n = A,T,C or G

<400> 748						
gcggagccta	cggagttcac	ggtgcaaggc	atcgctccgtc	actggaccag	tgaggcgag	60

gcgcgagctc	cccaggggga	ggtgtgggag	gtttttcnan	nanaactttc	naanatgttc	120
cctgtgaggn	cganngcngn	gcnnttatag	tntnaaagt	gtattgaggt	atTTTTattn	180
ggtaanagcc	taggnntntgt	tcacccaang	gaanaaanaa	nntncnancc	cnancaactt	240
ctggggcggtg	gtccgttcac	acgctactct	annaccntg	ggcatnatgg	aagttgtant	300
tnanacnatt	aagncaccg	tttctgttna	aacggnntcn	naatnccta	aaaaaggctt	360
gggaactttt	ctta					374

<210> 749

<211> 373

<212> DNA

<213> Homo sapiens

<400> 749

gaggtggtca	cggaatgggg	ggcgctgctg	tcctccccgg	gggctgcagg	ccgagaccgg	60
gtgaggggcg	ggggtgatgc	tggcactctg	gacggaaggg	cgtcgtcttc	gcagccgaac	120
aggttgtgga	cgcccaatcg	tttttctgcc	cgtagtccca	atccgaagct	aagctgtgtg	180
gttttccctt	gaaagctccc	cagccaggct	tgctgcctcc	acccctttcg	catctgaagc	240
atTTTgcctc	ccactcgaga	gaaatcaatt	ttcttaaaca	aacaaaaaaaa	aagatgtgca	300
ggatttctaa	taaatagcat	ccttgatgg	aggagaagag	gaatgactcc	ctcatcctgc	360
cacacacacc	ccc					373

<210> 750

<211> 399

<212> DNA

<213> Homo sapiens

<400> 750

ccagccttcc	ccgccctctt	cggcgccagc	acctcccttg	ccctccagga	ggaccccagc	60
ggcagcatct	gaaacgtccg	catttgagca	gcacctgctg	gactcccacc	ggcagcaggg	120
cgccctgctg	tcctcctggg	cccagcagca	gagcacactc	atggcccagc	aaaacctgct	180
gctgcagcgg	ctggccgagc	agagccagcg	tctggccgat	ggcgtggagg	ccctcaaccg	240
gaccctcgag	aggctgggtg	aagcacgccc	taccgggaa	gcctcaccct	cactccagga	300
cggtagtcc	gccagtggag	tggccagggg	cctgctggag	gctcccagga	cagccccaag	360
ggcaccct	cggggctcga	ggtcttctca	gggatgata			399

<210> 751

<211> 369

<212> DNA

<213> Homo sapiens

<400> 751

tttaaaatcc	aactacagaa	aaatttttaa	ctgaaagatg	ccttaataga	atgatctata	60
tcccttagag	aaaagattag	gacagtcctt	tatcccttg	aattactttt	taaattttta	120
atTTTctgat	tttaattgca	ataactgatt	atcatatata	agtactagga	ttctggaaaa	180
agtatttcat	ctcaaatttc	ctctaagtag	ctaactctcg	agaatggtaa	cttatgggaa	240
cccccttgat	tcccttgctt	tatgacactg	agcaagttac	ttgagctttc	taataccatt	300
ttattcatgt	gtggtatgac	aatggggatc	atgattatat	tgatttatgt	taccaaata	360
tttgagggg						369

<210> 752

<211> 364

<212> DNA

<213> Homo sapiens

<400> 752

aaacacacag	gcatacctgaa	agaggccgag	gctgagatgc	aggagcgcta	ctttgagcca	60
ctggtgaaaa	aagaacaaat	ggaagaaaag	atgagaaaca	tcagagaagt	gaagtgccgt	120
gtcgtgacat	gcaagacgtg	cgcctatacc	cacttcaagc	tgctggagac	ctgcgtcagt	180
gagcagcatg	aataccactg	gcatagatgg	gtgaagaggt	ttttcaaata	tccctgtgga	240

aacagaagca	tctccttgga	cagactcccc	aacaagcact	gcagtaactg	tggtcttaca	300
aatgggaacg	ggacggaatg	ctaaaggaaa	agactggtcc	aaagatagga	ggagaaactt	360
ttgt						364

<210> 753
 <211> 386
 <212> DNA
 <213> Homo sapiens

<400> 753						
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tggttgagca	tctgcagttt	ctgctgtcca	gttatcaaca	tgttttaaga	gaacacttaa	120
ggagtccgt	gacgcaccga	aaggacttaa	taatcaaaag	gattaagccc	aaaccccagc	180
aaggagatga	catcacagtg	gtagacgtag	agaagcagat	tgaggccttc	cgcagccgcc	240
tgatccagat	gctgggggag	cctcttgtcc	cccaactcca	agacaaagtg	cacttggtga	300
agctcctgct	cttctatgct	gcggacttga	accctgatgc	agagcccttt	caaaggggct	360
ggagcggctc	ctgagggcct	gcaagc				386

<210> 754
 <211> 391
 <212> DNA
 <213> Homo sapiens

<400> 754						
gcatctccag	agcatgaggt	tttaagggga	catgagtaaa	gcatgtctgt	gacccagtga	60
ggaagggaga	ggccagctgc	actcctgcac	ggggttccta	gctgcagaag	ggccccgcct	120
aggccgaggg	gaaacacctg	atagcagaag	aggcctggat	gcacacctgg	cacgccgagg	180
ctctccgccc	agacacagtg	ctccatgtca	gcccctgcac	ctgggggtgtg	tgattcacgt	240
gcacagatgc	cacaattctg	caccaatatc	ccacagatgg	gggaaggtga	gaggaagggg	300
caagtgatgt	gtaactgtct	aagagatgct	taaacctcca	tagagaggag	ccggggccgc	360
aggggcatct	tgtgtgtccc	gtcacacact	g			391

<210> 755
 <211> 390
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(390)
 <223> n = A,T,C or G

<400> 755						
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aaagaagtca	gaagcagctg	tgcccccatg	ggttgacact	aacgatgaag	aaacaattca	120
acaacaaatt	ttggccttat	cagctgacaa	gaggaatttc	cttcgtgacc	ctccggctgg	180
cgtgcaattt	aatttcgact	ttgatcagat	gtaccccgctg	gccctgggtca	tgctccagga	240
ggatgagctg	ctaagcaaga	tgagatttgc	cctcgttcct	aaacttgtga	aggangaagt	300
gttctggagg	aactactttt	accgntntcc	ctgnntaanc	agcanccccc	tcangggcct	360
gctgcccaca	gcagnccnna	gggnnggagg				390

<210> 756
 <211> 384
 <212> DNA
 <213> Homo sapiens

<400> 756						
ggagaacgtc	cctccttccc	ttttgtcctc	gtcccgccacc	ttctacctga	tagatgtgaa	60
gcccagccg	attgagatac	cactcagtg	ggaggctcca	aagactgata	ttcttgtgga	120

attacctact	ttcactgaat	ctaaagagaa	catgggtggat	cttgcacctc	aactgaaggg	180
aactaaggat	gaagacttta	tacagccgcc	accagttaca	tcatcaccca	taacaccatc	240
aacacctatt	tcattaccta	aaggacccat	cacttcttct	gaagaaccta	cactccaggc	300
caaatcacia	atgacggccc	agaacagcaa	ggctagttca	aaaggagcat	aaaggactac	360
ttgaggatgg	agctcactct	cttc				384

<210> 757

<211> 384

<212> DNA

<213> Homo sapiens

<400> 757

ggaggcaaag	agctggttggg	agtgttttgt	ggggtctctt	cttccttctt	tgtgggtaca	60
tgaagcctga	gtctcagcct	ctggtttctt	ggtttctttc	cactgccctg	ggcaaaccag	120
cttcgactga	acgtcagcca	gtccagagag	taattaaaag	agttaagtct	caaaagtaaa	180
tctccgggaa	gagccctcag	tggtttcaga	ccccaggcca	cttgtcctcg	tgccctccct	240
gagggctcct	gtcctactgg	acatgctgga	gcctgcccgt	gtccttgtgg	accatggaat	300
ttgcccgggg	ttggggggca	ggggtggaga	gaaataaaac	ttcctgtgat	ctatgtatcg	360
gcccagtaca	tagatctgga	taga				384

<210> 758

<211> 374

<212> DNA

<213> Homo sapiens

<400> 758

gtttgttaac	ctgtgcttta	taagatttga	aggaaaggca	ttcatggtaa	ttacagacgg	60
tgccaccaga	aaatgctctt	gctaaatgca	gccagtagtt	agattgcttc	tttctccagt	120
ctcccccgca	aagaaatttg	acgtgattct	gaatgcactg	gacatgtctt	gattgcgtct	180
ttacatttca	cagtgtctta	aaagaaaggc	aagccagttg	ttaatttcag	aatcagattt	240
atgctctctc	aattttaaaaa	atgctgggca	acaagagcga	aactccgtct	caacaacaac	300
aacaaaaagt	ttggtatggt	tctctcaaga	aaaaagcatg	gtgagtccag	acagcagcaa	360
aagcttttgt	gaaa					374

<210> 759

<211> 373

<212> DNA

<213> Homo sapiens

<400> 759

gcctctgctg	ccgccagccg	ctcatctcca	aggcctttga	gatcatgttg	gctgcggggc	60
aagggaaggg	tgtcaacaag	aggatcacct	acaccaaccc	ctacccctcc	cggaggacat	120
tccacctgca	cagcgaccac	ccggagctgc	tgcggttcag	agaggactcc	ttccaggtcg	180
ggggtggaga	gacctacacc	atcggttgc	agtttgcgcc	tagtcagaga	gtgggtgagg	240
aggagatcct	gatctacatc	aatgaccatg	aggacaaaaa	cgaagaggca	ttttgcgtga	300
aggtcatcta	ccagtgaggg	cttgaggggtg	acgtccttcc	tgcggcaccc	agctggggcc	360
tgtctgtgcc	cct					373

<210> 760

<211> 348

<212> DNA

<213> Homo sapiens

<400> 760

gtgaccatag	agatcatgct	ttacatgctt	tgcattttgt	ttgtagcatt	aaaaagatga	60
cattttttcaa	tgtcaattac	tatagctgta	cattgtactt	cataattgca	caatatgaat	120
gtaccatggg	ttatttaact	aatctcataa	attttttgtga	tttttttccc	ccacggaatg	180
cttcattatt	gtaaataaca	atagaatacg	catccttgta	acatatcttt	actaattata	240
tctttactaa	catgttaatg	ttaatttgta	gatggactgt	tggtcagatt	atztatgttc	300

atcaaatgct ttttccacta attcctaaat taccctccag aaacattg 348

<210> 761

<211> 347

<212> DNA

<213> Homo sapiens

<400> 761

gtccttaaga	atctagactg	acatagtgga	aaataaggta	cagttggagc	gaggtgagaa	60
aagcccagta	agagtttgat	ctggtcctta	agaagcctcg	gaagggtttt	agcgatgaag	120
agcattgtgt	gtgtgtgtat	aaagaattgc	aagggggcaa	ggctggggcc	ccaagcctgg	180
atggtggcaa	gaaatcgggt	tgtgtgtcaa	gtgtctgtat	aacctgggat	actagaaatg	240
aaggagggga	gtggtttgaa	agatactgaa	agcaagaatc	atgggatttc	tgctgtcgag	300
ataggggcat	tttaataagt	ctcctaagaa	aggaatgccc	tttgatt		347

<210> 762

<211> 348

<212> DNA

<213> Homo sapiens

<400> 762

gttacactgt	atgtcctggt	gtaaatttct	gtctctgttt	atcaggcaac	tttctctcag	60
aagctcactt	ggaaatcaag	ggaaataata	caccgtgcag	aggaaagaga	atctgggtccc	120
ttgtgcctcc	ctgctgtggt	gcagcatggt	ctgatgacca	agggcacagg	atcctatttc	180
taggattagt	cagaaagaat	tgagcacatg	tctgtagact	tttgcctcag	tattatattt	240
tagatggttt	agtcggagct	gttacatttg	gcagcattcc	ttgttagcat	ttgataaaca	300
attattgccca	aatgttagca	aggaaacctg	ccaaatgtta	cagctcaa		348

<210> 763

<211> 349

<212> DNA

<213> Homo sapiens

<400> 763

gggactggaa	gcctgccatg	gcggtctctg	cggcggagac	gcgcgtgttt	ctggaggtgc	60
ggggacagct	gcagagcgcg	cttctgatcc	tgggagaacc	gaaagaagga	ggtatgccc	120
tgaatatttc	cataatgcc	tcttcaactcc	agatgaaaac	ccctgaaggc	tgacagaaa	180
tccagcttcc	agcagaggtc	aggcttgtac	cttctctctg	cggtgggcta	cagtttggtg	240
ttggagatgg	actgcacctg	cgactgcaga	cgcaagcaaa	attaggcaca	aaactgattt	300
caatgtttta	tcaaagctcg	caaaccacaag	aatgtttgcac	gttttattg		349

<210> 764

<211> 345

<212> DNA

<213> Homo sapiens

<400> 764

ggaaggggaag	gcaggacatg	ggccggggccc	tggcccagga	cggcccaa	ccaaaaacct	60
tcagcccaag	atccaggaat	atgaattcac	tgatgacct	atcgacgtgc	cacggatccc	120
caaaaatgat	gcccccaaca	ggttctgggc	ttcagtggag	ccctactgtg	ctgacatcac	180
cagcgaggag	gtccgcacac	ttgaggagtt	actgaagccc	ccagaagatg	aggctgagca	240
ttacaagatc	ccacccttgg	ggaagcacta	ctcccagcgc	tggggccagg	aggacctgct	300
ggaggagcag	aaggatgggg	cccgggcagc	ggctgtggct	gacaa		345

<210> 765

<211> 339

<212> DNA

<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(339)
<223> n = A,T,C or G

<400> 765
ggaggctgag gcatgagggt tgcttgaacc tgggagatgg aggttgcagt gagccaagat      60
ggtgccatta cactccagcc tgggtgacag agcaagactc catctcaaaa aaaaaaanac      120
accaaantatt ttnttaatcn ctgancnctn tttntntca nttataagaa attgaaaatt      180
ntaatnancc tcctatttaa tnaatnaana atngatttaa ngattnagtt naaaangtta      240
aattcntttt aaaaanancec attacntggt ancncaaana ncatgttttt ntttnttttt      300
nttttnaaac aaagtntcnn tntgttgccc aggctggag      339

<210> 766
<211> 338
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(338)
<223> n = A,T,C or G

<400> 766
aaacacttta attattttct gttaatatta ctcttaatat aaaattcagg tgcattgaaa      60
ctgtagagga taagcaccta atcttgacgc atcagagctg atgctagtgt gaattgcttc      120
tttgtggtaa tgaggaaaca acgctctttt ttgcatatgg agagagctgt accttaggcc      180
caacatgtta cttggccaaa tgtttttgtg cagtgtaccc cctgtacagc tgtatgtgat      240
tgccaacct tatctcttat ctcccatagc agccttaatg tctccttgtt aactctcatc      300
tcacttaaag ttacttgntg aatgnctctc attcttgc      338

<210> 767
<211> 417
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(417)
<223> n = A,T,C or G

<400> 767
gtcaatgaat aaagaaactg gtctcagtgc ctgtgaaaac atcgaggaaa aggacagctt      60
taaaaacttg cttcttgacc tcagggtgat cgccgccta ggcctcccaa agtgttgga      120
ttacaggcgt gagccactgc acctggccag ttgagctttt taaagataac agaaaggact      180
gctgagaatg agtaaaccta tgtccgtaaa gagaattgca tgatttactg caagtattcc      240
tgaggagtga gcatcacgta cacactgctg gtctcgtgtc ctctgaaga tagccctca      300
cacttcacag tggttggaga aggttctttt tctctcctgt cttccctctg ggtccacct      360
ggtctagcat tttcatctgt gttgaaattt gnttttcatt tctgttttaa gtccttg      417

<210> 768
<211> 418
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(418)
<223> n = A,T,C or G

```

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<400> 768
agtgggtacc tgcattcttt gctctatttt tgtgtgtctc cgtatatctg ttttttgttt 60
ataattagtt gcattttatt ttatgggttc tgtatcttaa aatttttttt aagttataga 120
agaaatacat gctatcagca aaaaaaaaaa aaaaaaaaaa tccagctncn canaancgag 180
gagngcgaag caaatagccg nttcacgtcc cacaccctgg cagcagntgc gcccgggtct 240
gtccgganat ggngtgtgca ancgtattcc ancncaaaaa tctggacttc tgtttnttat 300
gaaagcagct gatgccacac tgtgtgccct gtgccgtact gtgccaggca cctggacgga 360
cctggnttct ccctgtgcct ctgaagggcg gacggcgttg tgtctgcnca gcctgcag 418

```

```

<210> 769
<211> 414
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(414)
<223> n = A,T,C or G

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<400> 769
gggtgctcctc tggctttttca aggttttggtt agagctaggg gtcccggtgc tctcttggtc 60
tttgtagggt tggaggagg ggatccatct ggcctcactc tgcctcacc attaaatgct 120
ttgcccatag gaaagtctga agataacacc agcatgggaa tttatttaag gggtagggaa 180
cacaagctgg gacaaccttt gcccaagcag gaagcttata aaattcatct cagacagagg 240
gatggcaggg tgcgtccggg ggtggggggc gccctcttct cccaccacc cctgctggca 300
tcagcagctg caacagaatc ctctcacac ctggtgctta ttataaact accccttgc 360
tcagctccat cagaattggt aaagccaaag ctacaggaga ataaaatgna gata 414

```

```

<210> 770
<211> 408
<212> DNA
<213> Homo sapiens

```

```

<400> 770
gtaggcaagg acgtcagagg gctgatgggg ccatatcagg tggggccttg agggctggcc 60
atggggactt tgcttctacc ctgagtgaga tggagctatg gatgtgaact gataggggtg 120
ttcacgggct ccttgggagg agggaaggag gggctgagag accaggagg aggctgctgg 180
gctggtccag gcaagaggta acagtggaca ggaccaggcg gagtgagaag aggtcagatt 240
tggaattatt gtgatcagca gacagctctt acctgggggt tgagggaaa aggagcccca 300
gaggactccc ctgtttttgc aactggaaa caatggtcag ccatggcagg gtttgtcctg 360
catcaagaca agcgagccct tgctggcaca atgctcatgc tgaatttc 408

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```

<210> 771
<211> 423
<212> DNA
<213> Homo sapiens

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<400> 771
ctttggactc acgtaggcat aggagaacga aacttctgta cattttaatc tgaataattc 60
ttcaggatctt aaaattaatt ggctctggct tggttggacc gtactcggat ctgccacct 120
ctgcgtttcc cgagtcactg gcgaagagaa ccacatcaca tcaccgtcag ggagaagaag 180
atagcaaaat tggggaagcc tatttctgtg tagaatgtat gttaataact tatttacttc 240
taaagttgga aggcaaagaa gagagtgaat ttactgttct aaacctgtg acctaatagt 300
cctctaattg tccggtccca gttcctctgg gaatcgtcct gtatgcaaca tcttcacaag 360
agtggcaggg agttgaatct ctggccttcg tgggaccact ggacatctgg cagagaacca 420
gga 423

```

```

<210> 772
<211> 397

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```

<212> DNA
<213> Homo sapiens

<400> 772
gcgagactcc atctcaaaaa tagcaaaaaa caaaaaaaca aaaaccaaga aacaatttta      60
gacattagct tctttttccc catcattata aagttatttt gccatttggt tttgggtcct      120
atattggttt tatcagaatt aggtaaatcc tttttttcct gcttcttcca cctaaaaaat      180
gatagtaaaa catatctttc tgcagacttc tgaagaaaat tatataaaat tacatgaagt      240
ggtaccatta gtgttatcaa gtagaacctc caggataggt ggcagatttg gaagtttccc      300
acctatttta atgttagaga ccacatatct attgcattat tgctaaaaaa aaaaattcct      360
cactcaatca aacatatttc caatacctgg gaaaagc                                397

<210> 773
<211> 419
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(419)
<223> n = A,T,C or G

<400> 773
gagactttca attttggaag caaactgagc tattcttacc agccaaagtt atactaaata      60
agagacttgg gggagcaaat gtttttcagc cttcagaaat gaaagttaag gatttttagca      120
ctaggtaaaa ttcatgataa taggctgaag tggagtaagt gaaaacctgc cttttgccac      180
tcttaaaaaat tgtgcccaaa atataaaagt gtggaacttt agaacttgga ataattttat      240
tgcagtcttc cattacatgg aaatagcata tctaatatct aggttacttg agagaccagc      300
taatcatctc tgttgacatc gtttaattgg caaaaagcaa ttcattgataa ataaaattac      360
tgctttccat ctactgggta aaatgactat tgaaataagt atgaatgtgg ncagaggat      419

<210> 774
<211> 390
<212> DNA
<213> Homo sapiens

<400> 774
cttatccctg tttgatttct gagtttggat taataactat gttttttaac ttcaacattc      60
tcacaaacaa tttctgcata aaacttcttc tttaaagctt aaaaagaaaa aaaaatctac      120
ctaattggagc actgaactag aacacaaaaa acttgggttc taggcctggg tctgccatca      180
actagcagtg tgtgagtttg ggcaagtttt ttcattcatc atccaggcct gctttgctcg      240
tttgtcaaag agggatggct ttgcagatgg ctaagtttcc ttcaggctct gacatctgcc      300
tcatgacttt ggcactcttg tcatgaagat gaagtgcagc ttctttttaa gtgggaagcc      360
agacacaggg tttctagttt gcctgagatt                                390

<210> 775
<211> 392
<212> DNA
<213> Homo sapiens

<400> 775
ggtgcgcgct gtgggctgcc tccccgtgct gtgtagcggg acggcaggtc atttattggg      60
gaggcagtggt tccctaaaca ccttaccagc agcttccatt ttggcatgga agagtgttct      120
cggcaatgtg actgcagatg agctgtggaa aggcgcttta gcagagactg gtgctggagc      180
aaaaaaaagga agaggcaaaa gaactaaaaa gaagaaaaga aaggatctga acaggggtca      240
gatcattggg gaagggcggt atggttttct atggcccggg ctgaatgtcc ctcttatgaa      300
aaatggagca gtgcagacca ttgcccagg aagcaaggaa gaacaggaga aggtggaggg      360
agacatgatc cagcagaaaa aaaaatggga cc                                392

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<210> 776
 <211> 415
 <212> DNA
 <213> Homo sapiens

<400> 776
 ctgtttttcc cagcccggtta ctctgttagc tctgaatgga aacagcagct cacatgtcac 60
 ctctgtgtga cggactcggc cccacccaga cacacaggtg tggttgtcag cgagcacctc 120
 aggagaactg agaagctctt tttcaccatt ctttcccaa atcagtcaaa acctttttaa 180
 aaccattatg agttgtgaga aggtttcaac agctatgttt tcaaagtgtg tgtatatgat 240
 ggcactgtgg tcagttcacc aagagcagca ctgagatggg tggatccagg tgcaccttga 300
 aaagttaatt gcacaaacct ttgctttgac cccaaatacg cttgctagtg cccttccctg 360
 cagcttccca gacaatcaac aggggtccatg ggggcagggc ctggcacagc aatgc 415

<210> 777
 <211> 393
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(393)
 <223> n = A,T,C or G

<400> 777
 gctttttcca gaacctcggg atccctggag agagcatttc ccttggcttc agctgcagcc 60
 cctctttcta gatggagga gctccatcgc ggggggtccc cagggggaca gataccttcc 120
 tgttccctct gcccaagggc ccacgctcag agcactgcct cccacactgt ccctctgcag 180
 atcaaccgag gcattgactc caacagagag tggattctaa tttagtcttg gctgggaccc 240
 ctttcccgca aaaagatata tgacctgatg tcttgccaag tctctaccct cctcgggctt 300
 acatcatgga aactgtctct tttacttcat ggaattcaag aacactttct tccttctggg 360
 cctgaatctg aagccagtca cnaagggaag gcc 393

<210> 778
 <211> 392
 <212> DNA
 <213> Homo sapiens

<400> 778
 gttcaacata ctacagactc ttctctcgaa gaaaaacaaa ggacattaga ctcaggcacc 60
 tctgaaattg tgaaatctcc cagaatcgag tgttctaaga caagaagaga aatgcaatca 120
 gatctcatat atagaacctg tgacaatgct ttcatttttg cgcttttcac ttctattgtg 180
 gttcaactca taatgacaag agacagtgat gggttatgaaa actcaacaga tggtgaaatg 240
 tgtgacaaaag atgctctgga ggaagattca gaaagcgtaa gtgaaatagg aagtgatgag 300
 gaatctgaaa atgaaattac aagtgttggt agagcttcag gtgatgacga tggaaagtga 360
 gatgatgaag aggaggatga agatgaagag ga 392

<210> 779
 <211> 401
 <212> DNA
 <213> Homo sapiens

<400> 779
 agcggcgctg gcttttaggtg aacgacgtga aaattacttt tcccactgaa acacacccaa 60
 gtatatgccc agccttcatg aaagtgaaca gagaaacgaa gcgcctttat gtgggtggcc 120
 ttagccagga catttctgag gcagacctac aaaatcagtt cagcagattt gaggaagttt 180
 cggatgtgga gatcatcaca cggaaagatg accaaggaaa cccacagaaa gtttttgcatt 240
 atatcaacat cagtgtagca gaagcggacc tgaaaaaatg taatgctgtt ttaataaaaa 300
 caaaatggaa aggtggaaca ttacaaattc aactagcaaa agaaagcttt ctgccagatt 360

ggcccaagag agagaagcag caaaagctaa gaaagaagaa t

401

<210> 780

<211> 396

<212> DNA

<213> Homo sapiens

<400> 780

gttagcatgg	atgaggaaaa	atttgtggat	gccgttaact	ctgccttttg	gagtgatgct	60
gaccacacgg	acttcacga	cacagctgg	gccatgctgc	agtatgctgt	cagccttctg	120
aagcccacta	aggtctcggc	tcgccagctg	cccccaagcg	tagccagggg	ggatgccaaa	180
agccgagttc	tgtttctct	tgggttggga	catgctgctg	agtacgtcag	gcctcgggtg	240
gcgctcattg	gggatgcagc	ccacagagtc	catccgcttg	caggacaggg	tgtcaacatg	300
ggcttttggg	atatctccag	cttggcccat	cacctcagta	cggcagcctt	caatgggaag	360
gacttaagtt	tcatgaccca	cctcacaggg	tatgaa			396

<210> 781

<211> 385

<212> DNA

<213> Homo sapiens

<400> 781

gtaactacaa	gttactgggc	agggatgggt	agctgggagg	tatggatttc	atttccatta	60
ctaattgctg	caattgctga	taatagacgt	gccccaggaa	tcgctgcaag	ggaaatggaa	120
catgggtctc	cttctgtggc	ccaatctgga	atgttagtgg	tgcaatctcg	actcactgta	180
acctccgcct	cccgatttca	agagattctc	ctgcctcagc	ctcccaagta	gctgggatta	240
cacgtacgca	ccaccatgcc	cggcaaattt	ttgtattttt	agtagagata	gggtttcaac	300
atattggcca	ggctgggtctc	aaactcgtga	cctcaagtga	tctgcccgcc	tcagcctccc	360
aaaatgctgg	gattataggg	gtgaa				385

<210> 782

<211> 376

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(376)

<223> n = A,T,C or G

<400> 782

aatttttgta	tttttagtag	agacgggggt	tcaccatggt	ggccagggtg	gtctctaact	60
cctgaccttg	tgatccgccc	accttggcct	cccaaagtgc	tgggattaca	agcatgagcc	120
actgtgcca	gctgagtcta	cctttttttt	tttaggagtt	gtaaataaaa	caagaaaata	180
acactattag	ttattttatt	actaactata	caactacttt	aacanaacac	tnntttttcc	240
cagggngngg	gtngggngta	aangggcctn	ttgtaaaaat	nactnttggn	catggnaatg	300
ggggattnat	aanaattttg	ccatnttagg	gctgctcaca	gnatttgggg	caaacccta	360
cgngaataata	tgtggg					376

<210> 783

<211> 381

<212> DNA

<213> Homo sapiens

<400> 783

gctaaatgca	ttttagaaat	ggtgacttct	gtgggtttct	tagcatttgt	ctctaacaaa	60
tggtgaaata	attactcatg	gccctctctg	ccattgtctt	tcattttttc	acagtgaat	120
tagaccctt	tacttcacca	ttctgccact	gcaaattaag	tataaagaaa	atagcaagag	180
tgtccacacc	agtagacagt	aagcttctct	acctgtaagt	gatgaaatca	tagctaattgc	240

acttgccatg	gagttttcaa	gatgattggt	gtcagacagt	tttcactttg	tttaaaaagt	300
gttggtggcc	ttttgtggtg	gtgtttacaat	cctctggggg	cttaggagga	tgttgatgca	360
acttttagaa	gcttttaatt	t				381

<210> 784
 <211> 393
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(393)
 <223> n = A,T,C or G

<400> 784						
gctcattatc	tcttgttgaa	ttaccatagt	ctaaggggta	at ttaccatg	gatagtatta	60
gggattccaa	aaccccatct	tatcagtgtt	ccacagttta	tcagactcag	ctagtacaca	120
ctaaatgact	cttaatagat	agtttattaa	cttacaatga	gaaatattag	gtcaagcgga	180
tgtttgcggt	gttataaaca	cattgtctct	gttcaggcac	aacttaaagt	cacattgcca	240
caggtttcct	ggggcacaca	gaatcagtgc	aggaagagag	gctgctgctt	tgctgggccg	300
atggcatgag	tcctttctaa	tccgaccaac	cgctgnggca	tcctcctgct	gcagctgagg	360
tgaacggggg	gcttgcatth	gctgcagtat	ggg			393

<210> 785
 <211> 393
 <212> DNA
 <213> Homo sapiens

<400> 785						
gcggtcttct	tccggctctg	cgctcctggc	tggggctgct	gggcggtctg	ggccgggtcc	60
ccgcaccggy	ctctcaagtc	cgggattacc	cgcagggcct	gagaagcgct	ttgcccccta	120
cagcctctcg	agccagccct	tggctcggaa	ttggagaatg	gtcctcattc	ttaccagat	180
ctcacacgcy	gtccccgctc	ccgatcccag	ggggtgacag	gcgcgcacgc	ctttcaaaca	240
cgtgttaaaa	tccaagacgt	cgtctcaaat	gccagagatt	tgcggaatg	ctcctggaag	300
gcctcaaaat	cgccgcaaga	acagtcact	ttggaaagt	aagaatggaa	tccttgggaa	360
ggagatgaaa	aaaatgagca	acaacacaga	ttt			393

<210> 786
 <211> 374
 <212> DNA
 <213> Homo sapiens

<400> 786						
gtgccccctc	actccgggtc	ccaggggaga	ctgacaccca	ccaaggcaac	cacctgcttg	60
ttacagagcc	ctgcaggagg	cagctcacca	cccacgagga	gggacttagg	cagcggactt	120
gctgagggca	gagccttggt	aggcaaatat	tatcacacta	atttcacaaa	ggaggaagtc	180
aaagctggcc	ctgcagtatg	aagactcaag	cccagacttg	ctggctcctg	cctgcatctc	240
cctccacctg	ggtctcctgt	ctccctacct	gcggaaagct	cacactctga	atcattgtgc	300
atggctctta	ccccgccacc	ccatccttgc	ggctgctcac	ctcctgcata	acctgtgccc	360
actcaacagc	acac					374

<210> 787
 <211> 382
 <212> DNA
 <213> Homo sapiens

<400> 787						
gcttaaagga	ctttttatgg	tacttgacta	tcttttttagg	caaaatagca	gatttgcaga	60
tgattataaa	attgcgattc	aacagactta	ctcctggaca	aatcagattg	atatttcaga	120

caaaaatggg	ttgttggttc	taccaaaaaa	taagaaacgt	tcacgacaga	aaactgcagt	180
tcatgtgcta	aacttttggg	gcttaaatacc	agctgtggcc	ttttcagata	ttaatggcaa	240
agttcagacc	attgttttga	catctgggtac	attatcacca	atgaaatcct	tttcgtcaga	300
acttggtggt	acatttacta	tccagctgga	ggctaatacat	atcattaaaa	attcacaggt	360
ttgggttggt	accattgggt	ca				382

<210> 788
 <211> 381
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(381)
 <223> n = A,T,C or G

<400> 788						
ggcaagtcaa	tcttttttat	ttccttataa	aattaactct	tcaaaagctg	ttaaacagag	60
agttatctta	attttttattg	cagtaggagg	aaatatatctt	aaaatatttg	tagattttata	120
gcaaataagag	actcggttatt	taaagggttaa	ataacaatctt	gttcttttgt	tgttttttgcc	180
agtttagggc	agtagctgct	tttgtcataa	atatcttcct	accacatcaa	aaatgctgct	240
tttaaaatctt	ttgttttataa	attgagaagg	aattttctct	ctataagttt	ctgtcattga	300
acagatcacc	attaaaaaga	atattagaat	ccagcatgaa	gataatggct	aataaaaaatg	360
aggnacatac	tttataaaac	c				381

<210> 789
 <211> 366
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(366)
 <223> n = A,T,C or G

<400> 789						
gtatttttga	tctgagaata	atctctatga	cttcggtaaa	ctctagtgtg	tgttgataaa	60
aagtaatcat	cagttttctt	attttgccaa	atatatatac	tttaaatttt	atttttttcc	120
aggaacacta	tgttgagata	tcattttattt	tataattaac	gcatgttctt	ttattttgtt	180
ttgttttttt	tttgaaacgg	agtcttgctt	gcattgcccc	ggctggagtg	caatgggtgca	240
atcttggtc	actgcaacct	ccgcctccca	ggttcaagcg	gttctcctgc	aacagcctcc	300
taagttagctg	ggattacagg	catgcgccat	catgccagc	taattttttg	tatttaggan	360
agatga						366

<210> 790
 <211> 368
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(368)
 <223> n = A,T,C or G

<400> 790						
gctggacca	gcatgcacac	ttctcggcta	agagtcaccc	tggaatgaacc	accattgccca	60
gcggggagca	tggtgcagct	ttcccacgca	gtggatgaga	acgaagggtta	cgaccattgt	120
gtgggagcg	tctgtgtagc	aattgctgga	atcacttggtg	gcattgtaga	aagactgagc	180
gtgggaaaaga	agacgcattc	tgaagtcacc	ccgatttatg	ttaaattatc	accttgacta	240

ctgctataga	acgaatgttt	atgtccccc	cccaaattcg	tatgctaaga	cctaatagcc	300
aataagatag	tattaataga	tggggccttt	gggaggtgag	tggctcatga	aggcagaagn	360
cttcaaaa						368

<210> 791
 <211> 361
 <212> DNA
 <213> Homo sapiens

<400> 791						
ggaaggccaa	gttactttca	tgggtcttacc	ctctgctttt	ccccctttttg	caaaaaacca	60
ctggccaaat	ccgaaccatt	gcccttggtt	ccccacggtt	ctctctcaga	tctttgtctc	120
gaagggaata	catagtggat	gaaaagggtg	ggcaggcttt	ggcaccttgt	taaaatttct	180
agtcattctg	ggatgttacc	ttgcttgtcc	acagcagcca	gtcaccttgg	ccagtccac	240
ttcctggata	attctctacc	ctcacccac	agagccatct	ctctccagac	caaaagctgg	300
aaggagagtt	gctttgagag	cttggtttta	caactgcatg	tttattatga	tctttctctt	360
c						361

<210> 792
 <211> 361
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(361)
 <223> n = A,T,C or G

<400> 792						
gtcacgttca	cactacaata	tcaattgcaa	ctcaacaagg	actccagtcg	ccaaggagct	60
taattataat	ctagacactc	atacgtctac	tgggaggatc	aaggcagctg	agaagaagga	120
agcgtgtaat	gtagaaagca	acagaaaaaa	ggaaacggaa	cttcttggct	ctttttctaa	180
aaatgaatca	gttcccgaag	ttgaagccct	gctggcaaga	ttacgagctt	tataagttaa	240
actggttttt	aaaaaaaaatg	attaagccaa	atataaagcc	atgctctaaa	ctataacact	300
tgaaaaaatt	gcttttatgt	aagtgacttt	atatagnttt	aaattatgat	atatattaaa	360
a						361

<210> 793
 <211> 386
 <212> DNA
 <213> Homo sapiens

<400> 793						
gtttattcca	aatgatagcc	tgccttcccc	aagtacaatt	gtatctgggtg	acattcctgg	60
aacagtaaga	agttgggtacc	atggacaaac	cagcatgccg	ggaacacttg	tcctctgttt	120
gcctcaaata	aagattatta	gtgctgggca	caagtatatg	gaacctctgc	aggagattcc	180
atttgttatc	ccacgaccca	tccttgaaga	aggatgatgt	tttccttgga	cgatcagctt	240
gcataatttc	agcatatata	cccttcttgg	aaaacaagtg	acactttgcc	tagtggaacc	300
tatgggttgc	acctccactc	tagctgtcac	gtctcaaaaa	ctgcttgcta	cgggacctga	360
tacacgacat	tcatttggtg	ctgctc				386

<210> 794
 <211> 352
 <212> DNA
 <213> Homo sapiens

<400> 794						
ataacttgga	cagtctatcc	ttactagaag	ttgttgactt	ggtggagact	actcaggatg	60
ttgtagatga	tgtgtggaga	caaacagaac	atgatcatta	tcctgagtca	cgaatgttgc	120

atctcttaga	catcataggt	ggttcatttg	gaaggtttgt	tcagaaaaag	ttgggaactt	180
tgaacctgtg	ggaagatcct	tattatcttg	tgaaagaaag	tctgaaagct	ggtattttcaa	240
tttgtgaaca	gtgggtgata	gtctgtaatc	atctaacagg	tcagggtgtg	cagcgctatg	300
ttcctcatcc	atggaaaaat	gaaaaatatt	ttccagaaac	acttgacaaa	ct	352

<210> 795
 <211> 345
 <212> DNA
 <213> Homo sapiens

<400> 795						
ctaaaccaga	gctctgacct	agatgtcact	gtagttggag	agtcttaaca	gtagctgatt	60
tactaattgt	catttcagaa	gatagtaaga	ggtggaaatg	ccccagtgaa	ttttgttaac	120
attattattg	agggcctgct	gtaataaata	tctaggaact	atttaggtag	tagaaaaaga	180
gtatatgtcc	tttctgtctg	ccttcttttg	gttttttgc	tctcttctgc	cttaattaaa	240
catgatttgg	aatagttatt	tttaccttat	tactcaagtt	aatacttttt	ttaatgagca	300
gtatgtcaca	tcacctaaag	atgactgctt	tttaaccagc	ttcta		345

<210> 796
 <211> 346
 <212> DNA
 <213> Homo sapiens

<400> 796						
cttttttaaat	cttgaaaaac	caattgttta	cttgaaactt	gaaagtagca	tatttttctg	60
tttttttggtt	gtttgttcat	ttgtatttagc	acaatttaac	gtaattcctg	gtttggaggc	120
agcaagacct	atgagcaaga	actatttact	tgaccctcgt	ttttttctct	tgttcttctg	180
tggtctgaaa	tctaaaacta	gactttatta	tgatagattt	cctataagcc	aattttcta	240
aacaaataga	tttattat	aatctgtacc	ttctatcttc	tcataattcg	tggtcttaca	300
gccttccaaa	ataactccag	ttgggcaccc	atgagctagg	atcaa		346

<210> 797
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 797						
gccgaacttg	cacagctttt	cccaggctca	gtcattgac	ccccagcagt	caatcttgc	60
gcacataaca	aaaattccaa	caagtccaga	atgaatccac	ttggttctgg	tctagccctt	120
gcaatttctc	atgcttcaca	ttttcttcaa	cctccgcctc	accagtcct	tattatagag	180
cgaatgcatt	caggagcaag	aagatttgtg	accttggtg	ttgggaggcc	tatattgttg	240
actgatgtat	tgattccac	ttgtggagac	ttggcctctt	tgtcaattga	catttggaca	300
ttaggagaag	aggtggatgg	aaggcggttg	gtagtgg			337

<210> 798
 <211> 344
 <212> DNA
 <213> Homo sapiens

<400> 798						
ctaggaggca	cagaattctc	attctgttat	ccagttcatt	ccagcaatca	tagttaatac	60
agtacttgg	gacacgccct	accccttct	cttccaagtt	tcccactcac	ttgaggagga	120
aaaatggcaa	aagaaagctg	tctagggttt	taccattgaa	gggtggaaga	acagagacaa	180
agaggagctc	ttttctgtg	agctgggttg	cacaggaaga	atgtcacagg	gaacaaaaaa	240
gcacagaaaa	aggaagtgc	ggtgcatatt	tttgagttaa	aatatttccc	tattttatca	300
tgattactaa	gtgagtagta	tagacagaag	tatataacta	atgg		344

<210> 799
 <211> 347

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<212> DNA
<213> Homo sapiens

<400> 799
attcttacgt gatagtttgt tttccttggt tgcttactta tctttcttca ttagaacatc      60
aagttccatg ggaagagaga cttgggctgt cttccatgcc tgacagtagt agatgcttca      120
taaaagtttg catatgcaaa tatggaagtt ttcacacctt ttgctataaa ggatatctaa      180
gtttattatg tggaaatttt aaaaagatac ttttacattg aagatttttt tccagatgat      240
tagagaaatg gaaatagctt aactagtaca aagagcactg gacaagaagt caaaacaaca      300
ggattcttta atcattctgc aactaattac atttgcctta tagcaga                      347

<210> 800
<211> 346
<212> DNA
<213> Homo sapiens

<400> 800
gcgccgggaa agatggcggc gtctgtggtt tgaattccag cggcgccgcc agagtctgaa      60
caagagctgg ggtggagggg gcggggacct ggggagcccc gcgggctcgt atcgcggggg      120
gtactagtgg cgccgcggcc acagacacca acgccgtcgc cacctctgta tccatgatgg      180
acttggtggt ggaagaggac gtcaccgtcc ctgggacgct cagcggctgc agtggccttg      240
ttcccagtg accagatgac ctggatggca tcaaccccaa tgctgggttg ggaaatggtc      300
tgctcccaaa tgtgtcaaaa aaaacaagtg tcttcacca gagcac                      346

<210> 801
<211> 342
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(342)
<223> n = A,T,C or G

<400> 801
gagctcatgg ccttgcacct tcaagtgcac cacagccgcc gggctagggg ccgccggcca      60
ccccaggtcg acgcgtcccc gccctatgcc cgagtaccat caggagagac ccctcccagt      120
ccttcgcagg aaggggagga gggcttcggg ctgtccagac ccggagaggc agggctgtgg      180
gggcaagaac ggtagtgggc cctcatgggc gattagctta ntgagcttac cccgccggan      240
cgggggagcg ctagaggtan ttgggtagag aagccanctn ggggctacgn nngaccata      300
tnncaccca ggcgaccan atgtgnaang cgcggcgncg ta                      342

<210> 802
<211> 345
<212> DNA
<213> Homo sapiens

<400> 802
ggagagggag gtgccatgcc acaggccctc acctggggct ctgtggctcc aggtggctgt      60
gacaggggtg ctggtagtca cactcctggt ggtgctgtac cggcggcgct tgcactagtg      120
aagccctggg ctcttccac caccatctg ttccgttctt gcagtacacc tggccctctt      180
ccgaagcccc ttgtcccttt cttggggatt gtggaggctg ggtcagaggg gagttaaggg      240
actgcaggcc tggcagcagg acatgccttg gctgaaccaa gtcctgagag cagcatctct      300
gtccccacgg tgccttgtgt ggggtccccgt ccttggcttt ctggg                      345

<210> 803
<211> 418
<212> DNA
<213> Homo sapiens

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<400> 803
gaaagggagg caaaaaaagg ggaaataata agagaaaaaa aagaacaaaa aaagaaaaag      60
tcctactgct ctgcctgttt ttaatactga caccaccataa acaaactctgt ccctgggata      120
tgatacagag gcctggagcc tgtgacctcc tttctgaatc tatcaggaga cacagcccac      180
acaaaaacac caggagtgtt gcttctgcca aatatccttt actaacttca aagaaagaac      240
ggggaaagag ctgtaataat gcttaacacg aaatactgcc tttctgcttc ctttcctttc      300
cccatagact gaatgaactg tcattataag acaacatact gctgagttaa tgtaacttaa      360
aaatttacag caggttgtat gcctggaggg acattatggg gccctgtag gcactctaa      416

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<210> 804
<211> 416
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(416)
<223> n = A,T,C or G

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<400> 804
gtgatatgct tgtcaaagtg ctgggattac aggtgtgagc cactaggccc agcctcagtt      60
tcttttatgg actcacttac ctctgcagat tggctcaaat gtcattattc tcaggcttct      120
ctcctgttta cagggtgtct gggccatcca gtccagtctc atgatatttg ccaccaatg      180
tgctcatgtt tcccaaacca gcatctcttc tctagaccca tctcttaatt agctgtttct      240
caagcaacct tttgactgtt gtttcttttt acttccttgg taccagggat aaaagtcccc      300
tgaattcaaa catgaatatt cacctcacc agtcctctgg gaggtccata agtcctgtt      360
ttgggaagaa tgaagctgag ctctagctaa aaaaaaacia nmanatttgg ggatct      416

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<210> 805
<211> 410
<212> DNA
<213> Homo sapiens

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<400> 805
gtggcgctgt gtttccgtgc tgtggagttg cctgggtccgc ttctctcccc cgaataagaa      60
taaaagattc tggaggagtt ggagaagagt gtattcagcc cccaaaccac gagatcaaca      120
aattaggtcc acaaagatgt gagcaccagt ttgggtgggt gcaccacttg aattttccca      180
tacttaaagc tgactcacta gaagtcttgg gacaagtcac cgaattctat aatgaaatgc      240
acaattttga ggaagaatta acttgtccca tatgttatag tatttttgaa gatcctcgtg      300
tactgccatg ctctcataca tttttagtaa attgtttgga aaacattctt caggcatctg      360
gtaactttta tatatggaga cctttacgaa ttccactcaa gtgccctaatt      410

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<210> 806
<211> 408
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(408)
<223> n = A,T,C or G

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<400> 806
atttcctgtg gcttaaacc cttccttgtt ctttctttca tgtggctggc gttcagggcc      60
atttacaatc tcacacaaac tgcccttcca gctccacctt ctgattcttg ccaccatgag      120
cagcttctgt gtttttttgt tttttttgtg tgtgtttttt tgtttttttt tttacaaact      180
tccctttgaa aatgctgtac ttgttcacct ccctgtgcct ttacacatac cattctttct      240
gtctgaacat acctgttgac cctttaatac ccactgtaat aaatgttgcc tcttctctca      300
agcctttcag tccctatacc attaccgttt tgtacataca acgtgctagg tgtgctccca      360

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cgtagagattg taaacttctt gaggacaagn ctgggtttta ttgatttt 408

<210> 807
<211> 408
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(408)
<223> n = A,T,C or G

<400> 807
accttttata gatgtaatga aatcccagat gttacagcta aaatgttttc tgaatagact 60
taatttaggt gtgtatctac ttataagta tattataagg atcatatttc ggatattcct 120
tcctttccag attaccttat attctgggtca tctcttcccc ttcacattca ttgcctgttt 180
tcaatgtggg gggtgggggg atactaaaat atcaaggaat gggagccaaa aatcaaacta 240
aagcttttct gtatctaaat ttttctggat atgttttttag atgcaagata ctgtttactt 300
gaatccgtaa ataaaaatgg ctgtgttttg atagaaactt acacaaatgt attgattggg 360
gaaaattcag cagggtattc atttaatacc tattcatttt gncatatg 408

<210> 808
<211> 399
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(399)
<223> n = A,T,C or G

<400> 808
attttagtga ctatgatcca gtttatcccc aaatgcaaga agtcagtttt tcagttataa 60
atgctttcaa tcatttccag caaaccttgc tcagccaatt cttttacagg tgaagtaatc 120
ccaagaacat tctgttgctt attcattcaa caaacctggg gcactctactg tgtgccaaca 180
tttggtgat actcctggga gtcaagatgt gatcctggcc ttgaagctat tcttaaattgc 240
tttgactctt gagagctagt ggtgttttag ccacttactt tttctgtacc ctttttttct 300
tcactttgat tttttcattt ttctacctgt atgaactcca ggtacttggt agcttttctg 360
ttttaaaaaan ttgcatcttt cctgatgntt ctttagctt 399

<210> 809
<211> 395
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(395)
<223> n = A,T,C or G

<400> 809
ggaaggagaa aataggaaat gaaaggatta ggacttgggc atttatatta atacaaaatg 60
gtgtaaaccg cctgaatatc actgtagtag tatcatcagg gggaaagtgt gatggaaaat 120
aggtttaaaa atcttaattt ttaaaacttt agtaagcttt atttatattt tttaggattt 180
tctgaacata gcatgaaggg ttttagattca tttttctgaa aaacgattaa aaaaactacc 240
aatttttttt ttgagngccc acacttgccg ttgngctgta tacntgattt taccttaatc 300
ctctataagg gaggngctaa ttgctccatt ttatanatga ggaaaggctc aaanaaatc 360
anaaacttgg ctaatttaac acagctgnac agagc 395

<210> 810
 <211> 418
 <212> DNA
 <213> Homo sapiens

<400> 810
 gacaccatgt acaggggactc cagatgcccc aggcagaggt aaaatgctcg aaagagagga 60
 acatcactac ctggcgggca ggtggggaca ggcttgccac ggatggctcg gggatgggat 120
 aactctctgg ctcccactct gagaagcagg aggtgatctg gccacaagcc ctcaagacgt 180
 gttgagtttg ggaatacctc actgctaggg aataccagga attatgcaat tcaactgtctt 240
 cattttaaaa ttctgtatgg gagaagctaa aaagtgaagt tgggggggtt tagtatattt 300
 catttgcatt ggtttactct tctcgttcct tgattatctg agaggaggct gctgttacgg 360
 aaaagcgaaa accaggagtg gtttgaatat tcttccttga gacttttgac tgtttcta 418

<210> 811
 <211> 389
 <212> DNA
 <213> Homo sapiens

<400> 811
 gcaggtctca aactcctgag ctccagagat tggccgcct tgacctccca aagtgtctggg 60
 attacaggta tgagccactg tacctggcac accaatactt tcttgccac tttctctcct 120
 gttcattcca ttttgttatt tatgtgattc ttaggttata atcagttttg agaggttgta 180
 catttactca tctttgtata tcatccccag catcctacac actgtagatg cacaaatatt 240
 tttctgacaa cttaaccctc tgaaggacag catatacttt tggagggtgt gggaaacact 300
 gggtaaaaaa aataaatttg catttaatag agtgtactca tcattccaca gaatttcaca 360
 acacactttg aagtacagaa aatttatag 389

<210> 812
 <211> 410
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(410)
 <223> n = A,T,C or G

<400> 812
 gtctttccct ctctcctgtg tttgcctctc tgtcctgccc ctgcgcaccc ctccctgtgc 60
 ccacctgtt tctgtcgctt gcggctcttg ggggtgctcc attctccgc cttcccttct 120
 cctgcacctg gtcttgcttg ctttctcgct gtctgcccc ggaggtagg acacgacctg 180
 tttttgtctc ccatcactag acgaggggag ggggtgccc tggcgccctg gcgccttggc 240
 ctctgcccc caggaggagg gggctggggg ctgaggctcc tgggtggga ctgacagact 300
 cagaaaatgt ggagcccca gctgggggtg gacgattctg gacccaaca tgcttggcct 360
 gcttgtctgt ctccccaacg caacggcttt gtctaagccc caagancccc 410

<210> 813
 <211> 386
 <212> DNA
 <213> Homo sapiens

<400> 813
 cccttatagt aagtttgttt aaacaaagta cagttaatat tactaaataa ataacaagga 60
 aataagaact gagtagtaac ttaatgtttt gatttaagac taattttaaa gcatgcaatg 120
 tgtttgccgt ggcagcatat gtactaaaaa gtgtgcaata taatggctta ttttcatggg 180
 accatgctta actagctgta ttattaaaca actccatgtt tctgaggggc tcccaactct 240
 ttacttccat tttgattgaa tttgttttca gaagttgaag aatctgccat tgagaagcac 300
 tttctggact gtggaagtat catggccgtg aggattgtga gagacaaaat gacaggcatc 360

ggcaaagggg ttggctatgt gctctt 386

<210> 814

<211> 386

<212> DNA

<213> Homo sapiens

<400> 814

atcagaagag	gtcagttaaa	tattcaccca	ggccctgggg	gctctcttac	agctgttctg	60
gcagatattg	aagtaatatg	gtctcatgcg	atacaaaaat	acttggaat	cccactgaaa	120
gatttaaagt	attatagatg	tatcttggtt	attcctgata	tctataataa	gcagcatgtg	180
aaagaactag	tgaatatgat	actaatgaag	atgggttttt	cagggattgt	gggccatcag	240
gagtcgtgtg	gtgccaccta	tggaagtggc	ttaagcagca	cgtgtattgt	agacgttggg	300
gaccagaaga	caagtgtatg	ctgtgtggag	gatgggggtg	ctcatcgga	tactcggctt	360
tgtctggcat	acggaggatc	tgatgt				386

<210> 815

<211> 402

<212> DNA

<213> Homo sapiens

<400> 815

ctcatgtttc	ttatgtctca	cctctttcca	gagccaaatc	agcccccttt	ggaatgatga	60
cttcattgga	atgcaaatca	agtcattttg	gtgcatcagt	ggctcttagg	cctgcacaca	120
cgagacatca	gaatccaatc	ctctgaccct	gtgccagccc	tttccccag	tttatttccc	180
accaaaggct	gacctctaag	aggtcttgct	ttctatgaac	tcaagatggg	tcccacctct	240
aggtgtcccc	aggtgcactc	ttctaccggg	tggcttccga	tgtgacaagg	ccaagggccc	300
aaagacttga	ccctcttaca	cccttgctga	catggttcca	tcatgtccac	ccgcatgcac	360
ttttatggtt	tcatacccca	gcctcttctc	tctggccacc	ca		402

<210> 816

<211> 402

<212> DNA

<213> Homo sapiens

<400> 816

tggaggattc	ggcctcgccc	tcgctgtctt	ctgcagccgc	tactggaacc	tccacctcga	60
ctccagcggc	cccagacagca	cgggaagcagc	tggataaaga	acaggttaga	aaggcagtgg	120
acgctctctt	gacgcattgc	aagtcacagga	aaaacaatta	tgggttgctt	ttgaatgaga	180
atgaaagtgt	atttttaagt	gtggtattat	ggaaaattcc	aagtaaagaa	ctgaggggtca	240
gattgacctt	gcctcatagt	attcgatcag	attcagaaga	tatctgttta	tttacgaagg	300
atgaacccaa	ttcaactcct	gaaaagacag	aacagtttta	tagaaagctt	ttaaacaagc	360
atggaattaa	aaccgtttct	cagattatct	ccctccaaac	tc		402

<210> 817

<211> 377

<212> DNA

<213> Homo sapiens

<400> 817

gcttggtgtg	gaccaggagg	gggcagaagg	cacctgtctg	tggctgggca	ccgtcttcgg	60
cgtgctggct	agcctctgtg	tctcgctcaa	cgccatctac	accacgaagg	tgctcccggc	120
ggtggacggc	agcatctggc	gcctgacttt	ctacaacaac	gtcaacgcct	gcatactctt	180
cctgcccctg	ctcctgctgc	tcggggagct	tcaggccctg	cgtgactttg	cccagctggg	240
cagtgcacac	ttctggggga	tgatgacgct	gggcggcctg	tttggttttg	ccatcggcta	300
cgtgacagga	ctgcagatca	agttcaccag	tccgctgacc	cacaatgtgt	cgggcacggc	360
aaaggctgtg	ccaaaat					377

<210> 818

<211> 373
 <212> DNA
 <213> Homo sapiens

<400> 818
 ggaaagtcatacataacttcc ttcactcagtttctgtcttcttccagtcaggatctagta 60
 gcttgactattcttcattggttccctttcattacagggtacccaacaagacaaaccaca 120
 caggtaatctcttctgatccctgccatcgccaagagtcatttctgtccctcatcactttc 180
 taaattctatccaattcccaaatatccatgctccttctcactgtccctcattcacataa 240
 tgcctaaaacactattcctgctctttgcctgatgagcccttactcacttgcaagactca 300
 gatcaaattgtcaagactcatgatcaaattgtcacctctctggggagggttcctcaacct 360
 ctctaagtggagtagt 373

<210> 819
 <211> 374
 <212> DNA
 <213> Homo sapiens

<400> 819
 gtgggggagttggttctagtactgtcacaaacttgccata taacttgaaa taagtctctt 60
 tacatatatttgccacagcttccctctgtc aaatggattgtttgggtgtt ttttagact 120
 gtctgcctcaggatccgggtacctcaaggcttctaagaaggaaaaaat tagtgggatt 180
 ctgggtcctccaactagaagcagccccgtgttttgtctgtt ttttagacaa accactatct 240
 tagatgggggagcagtggtgttctgagttcc ttaggatttctccatgatta aaatgagtgt 300
 ggttttgattagtatctccttatcaattaa ccagttattt tgattattt atttttacca 360
 gggttgagaga aaat 374

<210> 820
 <211> 398
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(398)
 <223> n = A,T,C or G

<400> 820
 tggaaggctcggtcgcgctgtcgtcgtcgttccccaccgtcggcgcgggg cgcggagggg 60
 gcgaagaggtgcctgccagtcgcactgcgg tctaggggtgaaaggaaaaag ggtccatgta 120
 aaggagaaaggcaggcagagactcttgct ggtgccagcaggcacggaag gatgtggccg 180
 cggggacttgaggttttagaggcaacgctgggtgtcataa tgcggagatgaccccggt 240
 gcagaggcgattccagttggtagagctac agagaacgtg gcccgagaag gggagcttcc 300
 tttaaattagacatctcctgtgttgctcctaa acctagcatt taccctctcc caccgcgtc 360
 ccacaacctncagggtcctanccggagtcatttaagccc 398

<210> 821
 <211> 389
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(389)
 <223> n = A,T,C or G

<400> 821
 cagggttttctgtttaccca gattggagtg cagtggcatgatcatggctc gctgcaacct 60
 ccaactcctgggtcatgcg attctccac ctcagcctaa gtagctgaga ttacaggcac 120

acgccaccat	gctcggccaa	cctttttaat	ctatTTTTtg	tagagatgan	gctntnctgn	180
gtgactcant	ctgggnatan	tctccctnnn	taaagtgan	cttnaaaatt	gnanaacaat	240
tccagtcgtc	anccccana	ntttangntn	nttttnngcc	ccnncccccc	cccccnana	300
ttttttntt	tttaanaaaa	aacaggggga	nccaannatg	gggccnnnag	nnnnngctana	360
nacaccgncc	ngngnaaaaa	nccccctt				389

<210> 822
 <211> 384
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(384)
 <223> n = A,T,C or G

<400> 822						
gctgattgct	tttctgtcgc	taaaacctat	caggtctgca	acatgacttt	ctagtagaga	60
ttttccagtt	gggccttcaa	agcggcaaga	tgctttgcag	acactaagaa	ataataccag	120
ggaatgcctt	cataagtatt	accataaaca	caagcttccc	attttccagt	tcaaggaagg	180
acacagagat	agaattattg	tgagtgccca	gcaattacaa	ctaggaccag	aggtgtgtgc	240
caaactctac	ccctaatttc	atttacttgg	tgtagtaaaa	gttaagagtg	ggatgttaat	300
attaagcttc	tggtttgtct	atttagcctt	tggttangn	atggtgtgaa	agtctatttc	360
tgcaaattgng	ataaaaatgg	cttt				384

<210> 823
 <211> 363
 <212> DNA
 <213> Homo sapiens

<400> 823						
gcggaattgg	ccacatttcc	agtgtatgtg	ccctctctaa	ggaaagatga	caaagaaatc	60
accgacttct	tactgtgttc	actgggattt	gcctgccact	tggttatcat	tactgttggg	120
tgaaccctgt	aagataacat	gaacactgta	gccccttaga	agggtctcat	agagaattta	180
aacaggggtga	caaggaatct	tcacaggaag	ggccagaact	tctctctccc	agttcttcct	240
tccgctaccc	tccctccttg	gcttttttgg	ttcagttcca	tttttttttc	attttgacat	300
gtgggttacc	taataagttt	tgttctgttc	ataattctta	tttctcaacc	tggtgtgattt	360
ttt						363

<210> 824
 <211> 363
 <212> DNA
 <213> Homo sapiens

<400> 824						
gggacccttc	tggtatgacct	cttctctgag	gcgcccattc	cgtgctccca	gggagcactc	60
ccatctcctc	cctcccaggg	gaagtacaca	ttgccttatt	tccatgtgtc	ttaggatcct	120
tcttgtcctt	acactggtgt	cttcaaacga	catgtcctaa	aagtaaattg	gggtaagttg	180
aatgacctga	gcattccattc	ctcagctatt	caaaaagtag	gggtagtgcc	acctatcttg	240
gcagtgtgtt	gagggtgccc	agcacgtacc	ttgccatccc	tcgttctgta	ggctctcact	300
tccagttcct	cagatgaagt	acagggcagg	gaggagcttc	tccggtactg	gcattcttaag	360
cta						363

<210> 825
 <211> 362
 <212> DNA
 <213> Homo sapiens

<400> 825

aaaacgggct	ggggaccact	actcagagga	ccctccttct	tgctcccttc	cttccctccc	60
cgccaggagc	ctgtgtggcc	tacttcctta	ctaagaggcg	tgagtaccgc	aactccctga	120
acccctttta	aggcctgaag	gaaaaagagg	agaagaaact	tcgaagtccg	cgatatcggc	180
tttttgccaa	ccgatccagt	atcatgaggc	attttgacc	tgaggaccaa	cgtctgtgga	240
atgatgtgac	agaggaactg	atgtcagatg	aagaggacag	tcttaacgag	ccagggtgtg	300
gggtggccgc	ctccccgttt	cggggccagc	gctcaciaaac	tctgctacca	cctggatggt	360
ac						362

<210> 826

<211> 361

<212> DNA

<213> Homo sapiens

<400> 826

attcaagacg	caagagagcc	tggtgtgtga	agcgttggca	gtagttcagc	ctggctagag	60
agtacaaggg	gagaggggat	gtactgggaa	tggtaaacag	aggccagata	ataaagggtc	120
tgtcttctct	gtctcaaaga	tagaactctc	tctgaatgta	ttatagtagt	gaaccctatt	180
tttagtagag	gcagcgatgt	catcgtattg	gcgtttcaga	aagttgcctt	aggctgtgat	240
gtggaaaatg	gatttgggga	gagcaaaact	aaagtcagga	aactgctaag	ataatccaat	300
tcagtggatt	cagtaatatt	taaatattgc	attcaaatat	tcagttagta	tcttctgtat	360
g						361

<210> 827

<211> 384

<212> DNA

<213> Homo sapiens

<400> 827

ggagagaaga	cactcttcat	gtggagggtt	ctgccagtgg	ctacacaaag	gaaatgcagg	60
cagatgatga	actgcttcat	ccattagggtc	cagatgataa	aaatattgaa	acaaaagagg	120
gatctgaatt	ctcattttca	gatggagaag	tggcagaaaa	agcagaggtt	tacaggctcag	180
aaaatgaaag	tgaacggaac	tgtctagaag	aatcagaggg	ctgctattgc	agatcatctg	240
gagaccctga	acaaataaag	gaagacagtt	tatcagaaga	gagtgtctgt	gcacggagtt	300
ttgaaatgac	tgaattcaat	caagcttttag	aagaaataaa	agggcaggtt	gttgaaaaca	360
actctgtaac	tgaattttct	gagg				384

<210> 828

<211> 343

<212> DNA

<213> Homo sapiens

<400> 828

atataacatg	ggaaccaatg	ttatctttta	tggtgcttgt	tctggtgaac	agagaatctt	60
aagagctgtt	agaaagtagc	acttgatgca	agggatgttt	tgaaaagaaa	aaattggtaa	120
tgcgaatgta	tagaaagtaa	aggtaggatg	ctcagggttt	ctgcatagtt	cttaactaat	180
cttgtctgca	gtttgggtatt	gataatatta	gcatggccac	ttatgctaaa	tacacaataa	240
gatacattta	gaaatcctta	atgtactggt	taggtcagtg	gtacaactgt	ttgacttaat	300
tatcacaatt	tccccaatgg	taaccttacc	ttggaaacta	tca		343

<210> 829

<211> 345

<212> DNA

<213> Homo sapiens

<400> 829

gttcaaaaacc	atcaaaaaat	agtgatagca	aggacatgag	gaggcacctg	gggtgctcgc	60
tgttttctat	tattcatctg	tggaatggtc	acatgggtat	atatatttag	tgaaaaat	120
atcttgctat	atactcaact	atctgtacac	tttaatacat	gtacgtttta	tacttcaaat	180
taagcattta	cttacaatgt	cagagacttt	gatttttcta	taacagaaca	aaaagtatac	240

agaatgaagt	gtgtttctgt	tttttggttg	aatttaaatt	cttattttgc	tcttcgtggt	300
tgccccttaa	aattttctcc	tttatagtc	ctctggtgat	aatat		345

<210> 830
 <211> 340
 <212> DNA
 <213> Homo sapiens

<400> 830						
aaatgagata	acaagagtgc	tttacttcat	ttgatttttg	ggaagatgaa	ataatttatg	60
ccaagagctt	atagcatagt	gcttggcaca	gagtactgtt	caatactgat	gtttaatcaa	120
tgctgctgct	atcattatta	tttttgaaa	aaagggaaac	aaatatggaa	cttaaatagt	180
tcataagggc	atagcctcta	gcagcctcta	cattccaggt	agggggcagt	gaaaaagagc	240
aggtggaggt	caggagttca	agaccagcct	ggccaatatg	gtgataccct	gtctctacta	300
aaaatacaaa	aattagtttg	gcgtggtggt	gggtgcctat			340

<210> 831
 <211> 418
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (418)
 <223> n = A,T,C or G

<400> 831						
gggggacggg	tcgggacacc	agtgaaactt	gaaccgggaa	gtgggaggac	gtagagcaga	60
gaagagaaca	tttttaaaag	gaagggatta	aagagggtgg	gaaatctatg	gtttttatgt	120
taaaaaagaa	aaaggaaaaa	aaaaaagtca	ntancaaaaa	nccagctca	anaaccntt	180
ntacnccaaa	ctggaangga	naananaagca	ccaggaanat	tccanaancg	gggggcccc	240
gtttttgaaa	aacttttatga	actttttcaaa	nattattttc	ntatggcanc	aagtgatagc	300
gaaaactgct	gtcagggacn	cctgatntgg	aaatcaaata	natttttant	taattganca	360
taanatttag	ggattttttcc	anantctgaa	aggggtcaaca	gccctccana	atgtcggc	418

<210> 832
 <211> 421
 <212> DNA
 <213> Homo sapiens

<400> 832						
gttaatcttc	acactagcct	ttcaaagtgg	ttactgtatt	tctgatgaga	aaatgaagcc	60
ttgttcagta	actctagaat	cacttagctg	ataagtggtc	aatctgggat	tcaaattccat	120
atctatttgg	cttgaaaagt	tgggtgttct	tgctactaaa	tttggaatg	agcaggcaaa	180
aagaaacaca	tggaaggaat	catctcgttt	gagggattca	gtactctctt	agcagtacag	240
tgtgtaaggg	aaggggattt	gagtttggtt	gtcctgttgg	tgtttggttag	ttgccacttt	300
atcctgtccc	actatgattt	gtatgcacag	gaggaaaaac	aaaataggaa	ataatctttg	360
gaactcttta	tggacattat	catgaacaat	tagaagaaat	ggcaatgtag	cttctgacat	420
t						421

<210> 833
 <211> 417
 <212> DNA
 <213> Homo sapiens

<400> 833						
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gtgacagagt	gagacccttg	tctctgaaga	aaagaagaaa	agattttatg	aaaacgtcta	120
attagaatca	agaaagtcaa	tttcagacag	gaaggaacca	ggagcaggaa	aagtacagga	180

tttatgtaag	ctgtttacac	tttggtttta	ttgtggtttg	gggttgcat	gagacagaag	240
gaaaacagaa	gttgaatccg	gatggagagt	tatgaaagcc	aaggggtggg	ctttatttgg	300
taagcagtgg	agagccatgg	aaggttttta	atgcggaaga	taggagattg	attcattcat	360
aagagcactc	tggaatgcc	tgtgggatga	atatgagtga	ggcaagacag	aagacat	417

<210> 834
 <211> 396
 <212> DNA
 <213> Homo sapiens

<400> 834						
aacagaagaa	agcaatctta	atatgttcac	aagaggaaaa	cagaaagata	ttcaaagaac	60
tgatgaagaa	acaactgata	atcaagaagg	cagtgtggag	tcactctgaag	aggggtgaaga	120
ccaagaacat	gaagatgatg	gtgaagatga	agatgatgaa	gatgatgatg	atgatgacga	180
cgatgatgat	gatgatgatg	atgaagatga	tgaagatgaa	gaagatggag	aagaagagaa	240
tcagaagcga	tattatctta	gacagagaaa	agctactggt	tactatcagg	ctccattgga	300
aaaacctcgt	caccagagaa	agcccaacat	attttatagt	ggccagcttc	tcctgcaaga	360
ccaagatccg	attatcttcc	gcaggaccaa	gaagtc			396

<210> 835
 <211> 388
 <212> DNA
 <213> Homo sapiens

<400> 835						
gtggaactat	aaaaatctgt	tcttatataa	ggtaatcttt	gtgaaaatac	ctggtaatat	60
ctacatcacc	actaaaaaat	gcaatatatt	taaatgtgaa	ttaagtattt	tagtgtataa	120
aacattgcta	gtttctactt	aaagtttcta	aaaggggtgtg	taggggaaat	agaatgagta	180
tggtgaaaag	taacataagg	aaatatactt	tgagggtccaa	atgacaaatg	cagacaatga	240
ctgctatagg	gatttgttaa	gaggggaaat	gatttgaagag	atgtcagaag	acttcacaaa	300
ggatcaatac	tgaggagtag	tgtagataa	gtggaaggca	atgcagtggg	aagatagtaa	360
gggaattcta	gagctgggtg	gtaccata				388

<210> 836
 <211> 397
 <212> DNA
 <213> Homo sapiens

<400> 836						
gtaactatta	aaaatatatt	gcctggaaaa	ggaatactac	tgttttgttt	tgtaagacc	60
acaaactgta	ttgctaagga	catttttaaga	gtctgcttag	ccataacact	cattttaacag	120
catgggtagt	aagcatgggt	tcttgcagaa	aacacaaagt	tctcagctaa	cacattaaac	180
ttctcacttt	atatactttt	tttcagagaa	atttatcttt	agtttttctt	attctgtgaa	240
aatatttgtt	cttatgtcaa	agaattattt	ttcagatata	ttggtaaaga	tggaactgata	300
ttaaaagtca	tattttattct	tttaccacct	tactgtgttt	tgtgattttc	atttttggcc	360
caattattac	ataacagggt	ttcctgatta	tatttac			397

<210> 837
 <211> 382
 <212> DNA
 <213> Homo sapiens

<400> 837						
gtttttgggct	gattttttaag	tgtacttatg	tatttttattt	taaaaaggta	cagatagtgt	60
taagttttttt	cttttgatta	ttcccaacag	ctaatttgta	ttagagataa	ttttcttatc	120
taattaacct	atttttatttt	aaataggggc	tgataaaaat	gaacttcaat	ttaatcatat	180
cttcattagt	tggttggttt	tactgagaaa	tcgtagggct	cttgaatact	ataaattttg	240
aggctatcct	gtggatatat	atcagaaaag	aagaaacaag	ttatcatttg	gtacactatc	300
ttcatttttgt	gtaaaaacaa	aagccttata	aagataagga	cttggttgat	tattttatttg	360

tttaaccaat attaattgaa tg 382

<210> 838

<211> 384

<212> DNA

<213> Homo sapiens

<400> 838

gaaagacttt	ggaaggaggg	tgtgggtccag	cagatttcgg	cttcctccca	gcccattcagt	60
gactccttct	tcctgctcct	ccctttcctc	tccacttcta	tcccagttca	attcctcaga	120
tccaaccaga	gccagctgtc	aatgaaatac	cttctgcctt	tcttttctat	tacagtgtgg	180
gtagactct	gtcaggtagg	aaactactcc	ccataatcaa	actcattatg	tttgtgatct	240
cagcatattt	gcaaacttag	acatagacca	gacaataaca	tttaccttct	ccatttctcc	300
cattctggga	tttttagcca	aggtaataat	aacaataata	atacagtatt	tagaaggcct	360
ctagcaatat	ttcatcttct	gaga				384

<210> 839

<211> 382

<212> DNA

<213> Homo sapiens

<400> 839

agtggtcagt	aatggccggg	cgtgggtggct	cacgccttgg	cctcccaaag	tgctgggatg	60
ttttcaaccc	ctatttgtct	atactctact	acagtatcga	cttgtgttag	ctttttaaaa	120
tcccattcgt	acctttaatg	tgtaaacgtg	tggtcttaga	ggaaagatca	tgccagcaag	180
aacagattcc	acacttagga	gggcagaaca	aatgatgacc	tgatcattag	tacaatatat	240
attcattttg	agctgaaaat	ttttttaaat	agcccccaaa	ttattgatag	cttcattaga	300
attgttttta	caaatgtttc	atztatcagt	ttaagaaaga	tcttttgata	gcttttatca	360
tatggacctg	tggagaatct	ct				382

<210> 840

<211> 409

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(409)

<223> n = A,T,C or G

<400> 840

ggaattccaa	ataaagtagg	agttagaatt	gttacaatca	gtgaccccaa	caatgctggc	60
tgtagcgcaa	caatggttgc	tgtgccagca	ggagcagatc	caagcactgt	agctaaagta	120
gcaatagaaa	gtgctgttca	gcaaaagcaa	cagcatccac	caacatatgt	acagaatgtg	180
gtcccgcaga	acactcctat	gccaccttca	ccagctgtac	aagtgcaggg	ccagcctaac	240
agttctcagc	cttctccatt	cagtggatcc	agtcagcctg	gagatccaat	gagaaaacct	300
ggacagaact	tcattgtgtc	gtggcagtc	tgtaaaaagt	ggtttcagac	accctcacag	360
gttttctacc	atgcagcaac	tgacatggag	gaaaagatgt	atatncagg		409

<210> 841

<211> 381

<212> DNA

<213> Homo sapiens

<400> 841

agaaatatag	taaacataaa	tttgcaacaa	ttttaagct	ccagttttta	ggtgactcaa	60
agaaagtcac	tatgcctatt	aatagttatt	tgatgccatc	accaaaagtc	tatgtgaaaa	120
tctcctaaag	tcaaaacccc	tgcttttgg	tttacagacg	gttattacca	ttgggtggag	180
ctgcaaggtc	aaatttctcc	taagttcccc	tatttagagg	aaaagtcact	ggttattgta	240

ataaaccacc	catggttctt	tatgtacatt	ttgataaacac	attattatag	cttgattttta	300
atTTTTtgca	ttaatttttg	aaatccacat	acatctcatt	tgttttaaatt	aaggccatgc	360
acaaatattt	tttttagttc	a				381

<210> 842
 <211> 354
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(354)
 <223> n = A,T,C or G

<400> 842						
gaaaaatgag	taggagatga	ctgagagctt	aaagtttggg	agtgtcaatt	aactcagcat	60
tcttttaaaa	aacgtgtcat	atattacagc	atTTTctttt	atttgaagtg	agtaaagtga	120
tctttttaaa	ttccttagta	atTTTTgagc	actccatatg	tataaagcat	gtgaatatTT	180
ggtagcattt	tacaaatgtc	cagagatttt	tgagagttcc	tgagatcttc	atagggggcc	240
cacaaagttt	agtattactt	ttcacggtaa	tactaaagtg	tattttgcct	ctttttactt	300
tttctcttaa	tagcatacag	tggtaaactga	aggctaatag	tatgngnggt	tatg	354

<210> 843
 <211> 386
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(386)
 <223> n = A,T,C or G

<400> 843						
ggagcttgcc	tttggctttc	caggtggctc	cgtgcagcta	cagccaggcc	ggctgcctca	60
tctcagctct	agggggcacg	agccatatgg	ggtctgcaca	agagaccctc	tcccctgcag	120
taaagccagg	ggccctggcc	tgatggggcc	cccatgggga	gctggagcct	gccctgcagc	180
ctggagaaga	gggtggctgt	ggtgggcgtg	ctcatccctt	gctaaggagc	aggagctgct	240
gggccaggtc	tgcggcagtg	ctgggggtggc	accaggtggg	cagtggtagg	tgggggtggct	300
tgaggtctgg	gagggngggc	ctggccancc	aggacacatg	cananccctg	cttttagtctg	360
gatacaggct	tccttttttc	ttccaa				386

<210> 844
 <211> 360
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(360)
 <223> n = A,T,C or G

<400> 844						
cccaaactctg	tagattttta	aggtaaaaacc	gacttaagct	aaacttctct	gaagagaatt	60
agtacttggt	ttggaggtag	ggagtgggat	agagaactta	aatgagaact	aaacagtgcc	120
agacctcatg	ctgtcttctt	gatttttctt	tctgctttct	gcttttgtgt	ttgcttttgg	180
tgtgtgatgg	attactgatt	tttttttctt	ttgttttagat	tggtatagtt	ggtttttttt	240
tgcttttttt	tttttnaaan	ggngntnnnn	nttttttncc	cggngngnng	gnnaaggggc	300
ccttttaant	tnntggaacc	ntngccccc	cggntcnagg	gaatcncnc	cncnccccc	360

<210> 845
 <211> 340
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(340)
 <223> n = A,T,C or G

<400> 845
 ggtcaggctg gtctcaaact cctgacctca ggcgatcagc ccgcctcggc ctcccagagt 60
 gctgggatta caggcgtgag ccaccatgcc tggcctaagt ttggccaact tttaaacttt 120
 gttttctctt atgagtttta tttaatcatg aatttctgag aattgctatg agagactgct 180
 tagagtttgt ttagggaaaa caaaatatga ataggagtat aaacttacca ttcttattta 240
 tgtcatgtaa ataatgntgg ntgntcttct cgaggctatt tagttcagtg aattagaaca 300
 tagtgcccag caaaaagccc aangnctcag ctttgatcct 340

<210> 846
 <211> 344
 <212> DNA
 <213> Homo sapiens

<400> 846
 gatcaacatt cctgatatgt tgaaattata tggcttgaaa tgatcaacat ctcttttgct 60
 tctgtctctg agcagtccta aatcccgtta attcctgctt agaattcctc agatcacctt 120
 ctcttttccg tctcctctgc caaccctcaa tcacgcttat tacctctcgc tggcatgtct 180
 gaaccctcct ggctttccct cttctaaaca agtcagccac atttaacttt ctgatacaat 240
 attttaagaa catcatgttt taaatatatt caactataat ttgtcaattt ctaattttta 300
 aaataaaaaat tgaaagagca tcattttttt cctcagaaac cttc 344

<210> 847
 <211> 417
 <212> DNA
 <213> Homo sapiens

<400> 847
 gaaaaaatgg atggttacat ctctactaaa tatgtgcagt cctttttatth gtcattattc 60
 tctaaacaat acagtataac aactattgac atagcattta tattgtatgt attaggtatt 120
 gtaagtaatt tagagtgat ttaaagtatt ttacataagg gacttgagca ttcttagatt 180
 ttggtaactg cacaggggtcc tggaaaccaac cccctacaga tatcaaggga ccactataca 240
 cattaggatg atctatattg aaatctacat ggaacagagt gggacttcta attgtatgac 300
 ttcaagattt tgctttgttt aaattaataa ctgttttcag aattaagtgc ttaaaaacaa 360
 atttgattga aaagttcaag acaagaattt tgctctctat ggctgttcca tataaat 417

<210> 848
 <211> 397
 <212> DNA
 <213> Homo sapiens

<400> 848
 atcctaggtc cctggtacct gccaggtatc tctagcccag atctttctct tgccccagac 60
 cccaactgcc taggggcagc ctcacagtgg ctgctatagc aaactaccac gtacttaccg 120
 ccttaagcgg cacaagttta tcttatgggt ctggagggtca gaggtccaaa atgtctctcc 180
 ctgggtctaca aatcagggtg cagcaagctg gttcctcccg gaagacctag aagagaatcc 240
 gtgtcttgcc ttttgcatct tctagaggct gcctgcattc ttttaactcat ggccccctcc 300
 tccatcttca ggcccacaga tgagcatctt cccatctctc tgactgattc tctgtctccc 360
 tcttacaaaa actctagtga ctacactggg ccacctg 397

<210> 849
 <211> 410
 <212> DNA
 <213> Homo sapiens

<400> 849
 cctgagtggg atacacaaag caattgagga acaacctagg accttgtagt ccattaggat 60
 ttccaaaaat agaaagagaa tggaaagtca cctgggctagg agaagccagt ggaaacttga 120
 cacgaagaaa aaagagcagc taatttcatt cctgtccacc agttatttat gtgtttatct 180
 ttaattacat ttgtttgatt tcccttatta aagtctgatg tctataaaaa agcagaaaag 240
 tgaggcaggt cagcagggga tgtaagttgg gaagaaagac aggtgagggc aagaatttag 300
 gcaggagcca cagtgttggg tgtgcaggtg aaggtcaggt gacgagggtg accagtcatg 360
 gatgacccag gcaggagcca taaccaaagt gttagaaaaa gttggtgaaga 410

<210> 850
 <211> 386
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (386)
 <223> n = A,T,C or G

<400> 850
 gagaatgggg aagaaaatta ttttattgat accaacagcc aggattctta caaggaaaaa 60
 gatgaagcca atgaggaaag tgaagaagag aaatctgttg aagaatcaca ctgaatcatc 120
 aagggtctcct ctctatgccc ttgctgttgg ttgcagcgctc aggggtgtcag cagccgcatt 180
 tgtgtttaga acatctgtgg ggacgcttct gatatgtgca gggctgttga tcaaagtcac 240
 ctgtagcctg aaaagcctga atccagctga ttgggtcattt gatcagttag agtaaggctt 300
 tgcctattca gttttaaaaa tcatttgtga ttatctgntt gcaactatga ttttgtattt 360
 ttaaaaagtg agaccacagc tgtccc 386

<210> 851
 <211> 382
 <212> DNA
 <213> Homo sapiens

<400> 851
 agcaaagggt ccttgtctgg ggcgggatag agaatctcgc ctctgtctgg tgtgttacct 60
 actgggggca caggaacaat ttcctcaagg agacagtggc atggagcttt gaaagacgag 120
 taggtgttag caaggaaata aggaggaacg ggggttacgg gcagaggaga aagcacatgc 180
 caagtcagca aagaaaagta gaattcgaaa acttttttaa aatattacta aggattttca 240
 caatgctgca ctgggctaga aactgaagct aaaacagata cgtgggtcct gctgctatgg 300
 ggcttccgtt ctagaggcaa ggacagggtg tgatgagggg tctgaaggat agagaccaag 360
 cagggagggg gttgaggagg ct 382

<210> 852
 <211> 351
 <212> DNA
 <213> Homo sapiens

<400> 852
 gatctccgag acctgtctga actggaagag aagctaaaga aatgtaacat gaatacacia 60
 ttgccaacac tctgatagc tgaatgtgtg ctggtttaca tgactccaga gcagtcgcga 120
 aacctcctga agtgggcagc caacagtttt gagagagcca tgttcataaa ctacgaacag 180
 gtgaacatgg gtgatcggtt tgggcagatc atgattgaaa acctgaggag acgccagtgt 240
 gacctggcgg gagtggagac ctgcaagtca tttaggtcac agaaagaacg gctcctgtcg 300
 aatgggtggg aaacagcatc ggccgtcgac atgatggagt tgtacaacag g 351

<210> 853
 <211> 345
 <212> DNA
 <213> Homo sapiens

<400> 853
 ctgaaaggaa atgtgccaaa atattagcaa tttttttttt ctgagtgatg agcttttctgg 60
 tgataatttt tattttacttt atggatttta ctcctttcca attacttata taatagacat 120
 ataatagtat tttttaagaa aagtgttatt tttataataa ggaaaagtac catttaaaaa 180
 ccttttagtgg ctcccatttg ccaattaaaa atcctctcta tgacattcaa ggttttggca 240
 atactgctac aatccttctg acctcaccct cttctctctc tgccctcact ccaagaaaca 300
 gcagcagaac ggagttaccc actgtcacca aatacatttg ggctt 345

<210> 854
 <211> 377
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(377)
 <223> n = A,T,C or G

<400> 854
 gctggctact agtatatgta acaggactat tatagattaa caaaaatgcg gggagtatat 60
 ttcttgatta ttttttaaaa gaataaatta ttatttaaaa atacatgaat tattttattga 120
 ttcttgaatc tttaccagct ttctataatt ctaggaagcc tataagcaga nttgggcagg 180
 atnnactggc anaaaatgta aaaagtaggc cnggcacggn gggctacagt gagtcgtgaa 240
 tgcgcagtgc acctgagtga tagatcaaga tcctgtctnt ttanacnant nnaacnann 300
 tananannga ngnantcenc ccttgacgng aaancnaann atntttttnn nggntttaac 360
 nngaagnngg gtngttc 377

<210> 855
 <211> 350
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(350)
 <223> n = A,T,C or G

<400> 855
 gtattttgag ttgaaacggt gatgggagat gcttataagc tgacgaattt tttttgtaat 60
 gactgttatt tatgtaaaaa tttaaaagcc tcatttaaaa atgaccttcc attaatattgt 120
 tcctcgatag caataatctt tgcaatagtt tgaaccagtg tcattttaca ggtagaacc 180
 cggcatgcaa atttaaagtc ttgtttacat ccttgtaagg agttggatac aaagctgact 240
 aaaagccagg tctcttagct gtcactgctg ttccctttct ttaaaacggt aatacctgat 300
 agatattggt gctgtatatt tacatacacc tctgctaatt tgntgnctta 350

<210> 856
 <211> 355
 <212> DNA
 <213> Homo sapiens

<400> 856
 aacaatttta atgaaggctc aaaggatgag agacatcagc catatgaaga ggtgtaggca 60
 gaacattcta ggcaggggga gctgtaagta ggcaactaaa gtgccagcac cattaaataa 120
 aatactgctt atgtggagga gaaaagctca aaactcattt gttgtcaaaa gttgacaagc 180

attcaagaat	aatgggtgaga	atagcctgct	taatagcatt	attccatattg	caggttgatg	240
ccgccttacc	tttggacatc	ctaacctatg	aagagaagac	cttggtcagcc	atcttgagaa	300
tatgtagcag	tggtcttgca	aattgtggag	ctctttgacc	ctggttaggat	cctat	355

<210> 857
 <211> 377
 <212> DNA
 <213> Homo sapiens

<400> 857						
tactgatagt	aagtttataaa	tgtagaaatt	gaccagtaga	tttattgtac	tgaggatgat	60
tctgtagttt	aggagacatg	actagaattt	caatgagaac	agattgtaag	gacagaaata	120
aataaataaa	aagaatttct	aaatgatttt	gttaaattgca	ataacaactt	tatgtaaact	180
acagatgaac	tgataataga	gcacatgtaa	gaaaatgtct	aaaaaatggt	attggaaata	240
aaattagagc	tgtaaattcat	taacaaggaa	aaaacattaa	cttatataca	atttattttt	300
tccatatttc	ttaaaatata	ttaaattcta	acatagaaaa	ccacttaaga	gatttaaaga	360
ttcccatcta	ctcagat					377

<210> 858
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 858						
gaaagttcac	atgtagttag	gtgtgctttt	taaactctgg	gcctttgcac	aggctattca	60
ttctaccagc	cacacacctc	tctccaactc	ctaactcata	cttcaagttt	cagtttggaa	120
gcccctctgt	tttttgagag	tggcatcttg	ctctgttgcc	caggctagag	tgacgtgacg	180
tgacttcagc	tactgcagc	ctctgcctcc	tgggttccag	caattcgcc	gcctcagttc	240
cctgggtagc	tgggattata	ggtgcatgcc	accataccca	gctaattttt	gtatttttag	300
tagtgacagg	gtttcaccat	gttggccagg	ctggtct			337

<210> 859
 <211> 350
 <212> DNA
 <213> Homo sapiens

<400> 859						
aattaaaggc	gtgagccacc	acaccgggcc	aattttttgta	tttttggttag	agatgggggtt	60
tcaccatgtt	ggccaggctg	gtctcaaaca	cctgaccttg	tgatccgccc	acctcggcct	120
cccgaagtgc	tgggattaca	ggcatgagcc	accgcggccg	gccattcttt	gagttttcat	180
caaccagtgg	atacagaagt	gtgctgcccc	ttttgcagat	tagagaattg	aggctagtaa	240
ataagtcggg	acttagttga	tgccttctgt	ctttgagttc	tgggctctgg	aggctttgga	300
ttcaaagccc	tgctgcacca	tttactcatc	atgtgacttt	gggaagggtga		350

<210> 860
 <211> 341
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(341)
 <223> n = A,T,C or G

<400> 860						
ggaggctgag	gcattgaggtt	tgcttgaacc	tgggagatgg	aggttgagct	gagccaagat	60
ggtgccatta	cactccagcc	tgggtgacag	agcaagactc	catctcaaaa	aaaaaaanac	120
accaaagatn	ttattaatcn	ctgancnctn	ttttntntca	attataagta	attgaaaatt	180
ntaatcanc	tcctatttaa	ttaatataa	attgatttaa	tgattnagtt	naaaangtta	240

aattcntttt	aaaanaaccc	attacatggt	aacncaaata	gcangttttt	atttttat	300
attttganac	aaagtntcnn	tntgttgccc	aggctggagt	g		341

<210> 861
 <211> 396
 <212> DNA
 <213> Homo sapiens

<400> 861						
ttcagattag	acttcctggt	tatcttttat	attcttgc	tgatataatg	cctgatcctt	60
caaagttctt	tcacatatta	tatgatcttc	tttatgaaaa	aaagtagatg	ctttattctg	120
atatattcag	tttcccactt	taggcaaaag	tggattaata	gaatgatgaa	ttcaaagtag	180
atgaggaaaa	tcaggcacag	agaagtaaa	gtaggtagag	acccaaattc	acacaagata	240
atgacatcac	cagcgtttaa	gttgatcatc	aaaggctggg	ctggatttgt	cttgctgtat	300
gtgtcaggaa	atttatacct	attacatttt	ccattttctc	aaaataagtc	acatgattgt	360
aatgttttagc	tgcaactttt	ctcctaataa	atagtg			396

<210> 862
 <211> 390
 <212> DNA
 <213> Homo sapiens

<400> 862						
gcaaaacctg	tctggaagga	gcataggaaa	tggttttagc	taagtgcctg	actccagtag	60
cttcttgctg	ttgccacagt	ttcattagt	ttgattctca	atgttgctctg	ctgatgttgc	120
taaagcagcc	acacagtagc	attacaaagc	ctgtgggaat	tttaatagca	ccttcataaa	180
tatattttagt	agtatatgta	gaaatatgac	ctatacagca	ctggctatct	attagattca	240
cctggggagc	ttttaagca	cacatgctcg	ggttctacct	gcagcctact	gaattagaat	300
ctctgggttg	gatgaccatc	tatattttta	ataaaagctc	cacaagttaa	ttctgatgca	360
cagaagatag	acgaaccatt	actttaacat				390

<210> 863
 <211> 401
 <212> DNA
 <213> Homo sapiens

<400> 863						
atcggctggt	tgtgaaataa	agaagaaaat	ttgtgaaata	aggaagattt	gtgctgcaga	60
gttcttttagg	gatacgggct	gcagctgccc	aggtgatgag	cttgaagaac	ctaggcccgg	120
ctggcagagt	ggagaggagc	tgggagagac	agctgctttt	acgactcttt	catgttctag	180
cagacgccag	atgcgaggct	tctccttaca	gggaagggtt	atgtttgatt	tatcatacat	240
ttctggagtt	tttggttagt	ttttgttaaa	tgcaaagctc	tgtgctggac	attgtgagaa	300
acaggaagtt	gaacgcccac	aaggagttaa	gaatagaagt	ggaagaagtc	agtaggtgcc	360
caaattgctat	ttgagggttg	aataaagaat	gggtagaggg	g		401

<210> 864
 <211> 371
 <212> DNA
 <213> Homo sapiens

<400> 864						
gggcatccgg	gcaccgccgg	gccgggaggg	aggaggcggg	gtgtccgggc	ctggccctgc	60
ctttttttcc	atgtggttct	ctaaacctct	tgttcgtaaa	aagacaaaaa	aacaaaacaa	120
caaaaaagcg	aaattggaac	aagtaaaagt	caaactcgatt	cagcaaatat	ttacggtaca	180
gcgcagttgc	aggagcccct	ccgtcggagc	gagtaggccca	gtggggaccg	aagtgctgag	240
agctggccgg	gtcgtgggga	gggggtcccc	cccgggggtg	gaagggacgg	gagcctacag	300
tgagtgatag	aaacgtggag	ttcttgatta	ttttacacga	aattttgaat	tattaaactt	360
ctttttctta	a					371

<210> 865
 <211> 351
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(351)
 <223> n = A,T,C or G

<400> 865
 attctttctca aatgcacatg gtctattctc caggatagac catgtgttag caagtaaaac 60
 aaacctaataa aaatttttaa ggattgaaat acataaagta tgttctctaa ctacagtaaa 120
 ataaaattag aaaccaatag cagaaggaaa tttgggaaat tcacaaataa gtgaaattta 180
 acctaccttc ccaataaacc aatggattaa agaaaaaaaa aagaaattag agagtaagtt 240
 tttgttggat tttgttttgt tgtttttgan acagggtctc actctgtccc tcaaactgga 300
 gngcaggggc anaatcatag ttcactgcag ccttgaacct cctgggctca g 351

<210> 866
 <211> 406
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(406)
 <223> n = A,T,C or G

<400> 866
 ctgcacgtgt ggtgaggcct acagaagcgg ccttcagctg gaccttggtc tccccgccgg 60
 acttcgaggg tgtcatgcc gccctgttg ggggtgagcg ccgcgcggct gcagcatgcc 120
 tcacaggaag aaaaagccct ttatagagaa gaagaaagct gtgtcttttc acttgggtcca 180
 ccggagccaa cgagatcctt tancagcaga tgagagtgca cccagaggg ttctattgcc 240
 cacacacaaa atagacaatg aagaaaggcg agcagaacag aggaagtatg gagtgttctt 300
 tgatgacgac tatgactacc tgcagcacct gaaggaacca tctgggcctt cagagcttat 360
 tccctcaagt accttcagt cacacaacag gagagaggag aaagat 406

<210> 867
 <211> 358
 <212> DNA
 <213> Homo sapiens

<400> 867
 ggcgcttgag gacaccctgc agctgtgcc aagctgactg ggggccagtg aagcaggcgg 60
 gctcttgagc ttggacacgg ccttcgtgtg acgcagctga aaagcaacaa caaaagggtt 120
 tgggtgcaac agccagtgtg ggtacctctg gggagagagg acctcctctg acaaactggt 180
 ctggtaccca ccatgtgcc ggatccaccc tggcctcttt ttaccactg actccccaga 240
 acaacccttc caggcttctc ttgtcatctt tctctgcctg aggggaaact gaagctctga 300
 aatgcgatgt gatctgtacc aggtcaccca gctatgctgc aaaagtgggt tggccaag 358

<210> 868
 <211> 381
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(381)
 <223> n = A,T,C or G

<400> 868
gccttaacct gggagtgggc agggagtgat gcatctgcc aacgaggag ggtcactaca 60
tctcatgtct catctccttg ctcagctcat cctageccat ctggcctcct ggctgttcct 120
caaccagcta gtctgtctcc ccctctcagg gcctttgcct ggatgctctt tcttgagat 180
cttggtctat ctgtcaaaac ttgtgttccc caccctgcct ttatacactc cctattctat 240
gtattcctta ccattttcag acatactgtg catcttattt tgtttcttga caggctagaa 300
agcttcaaga gggnggggt gggctcttat tcatttccat acatattact atgtactgac 360
ttctgcctgc ctttttgccc t 381

<210> 869
<211> 348
<212> DNA
<213> Homo sapiens

<400> 869
ctagactcta tgattgacag ggtgaccagc tgtcccagtt tgccctgggg cacaggatta 60
ttcgtgctga aaatgagaaa gtccctgggca acctgggatg aattggccac cttcactatt 120
gatccaactt cccaaatgct ttgtctacat tgctggatc tggtctggag gaagccctgt 180
gggaaaggct gtgagtgtgt tgccccaggt tccacaggac acttagagtt tgggggacac 240
ctgccgtcaa cgcactgcaa caatcttttag ggatgttaat tgttcctcag gaggcatacg 300
taggaatcac atccacctta aacatgccc cttatggcat ttgggctc 348

<210> 870
<211> 395
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(395)
<223> n = A,T,C or G

<400> 870
gtcagaacag ttaaactactg cctttcctcc tctcttatt ttatgataaa agcaaagtgt 60
gccttctcag tatcattcga ttgctatttg agacttttaa attaaggtaa aggtgctgtg 120
tggttggtacc tgtggatttt tctatactga tgttttcgtt ttgccaatat aatgagtatt 180
acattggcct tgggggacag aaaggaggaa gttctgactt ttcagggcta ccttatttct 240
actaaggacc cagagcaggc ctgtccatgc cattccttcg cacagatgaa actgagctgg 300
gactggaaag gacagccctt gacctgggtt ctgggtataa tttgcacttt tgagactggt 360
agctaccatc ttatgaatgg ccatgggnca tttaa 395

<210> 871
<211> 388
<212> DNA
<213> Homo sapiens

<400> 871
ctttgcttct ctctttcttt ccttgtgtct cttccttctc ttttcttttt ttttttaaca 60
tatagggtat ttttttcttt taacatatag ggaattaacc ttcattttgt taatttccat 120
ttgttccctt cttcattcat gtcattctctg ctattccttc tccctccaaa agggagggaa 180
accctatttt tttttttcca aaaccatggt gggctctgctt cctcactcgg ggctccttga 240
cagtcttcta aaaaagagaa ggaggaaaaa aagcagttcc tgatgttaca aatgaacaag 300
gatctcccag gtaaccagct cccacacccc atttctgtta ctaatttctc aaacagaaat 360
ttctgggttc ccttcttctt tatcactg 388

<210> 872
<211> 396
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 872
gcgaggaaga aatggaggat gagcaagaaa gcgaggccga agaagacaac caagaagaag      60
gggaatccga ggcggaggga gaaactgagg cagaaagtga atttgaccca gaaatagaaa      120
tggaagcaga gagagtggcc aagaggaagt gtccggacca tgggcttgat ttgagtacct      180
attgccagga agataggcag ctcatctgtg tcctgtgtcc agtcattggg gctcaccagg      240
gccaccaact ctccacccta gacgaagcct ttgaagaatt aagaagcaaa gactcaggtg      300
gactgaaggc cgctatgata gaattggttg aaaggttgaa gttcaagagc tcagacccta      360
nagtaactcg ggaccaaata aagatgttta tacagg                                396

<210> 873
<211> 347
<212> DNA
<213> Homo sapiens

<400> 873
ggaactttga cagtgaataa aatatcagaa atgaaaactt taataaatga aattaacagc      60
tgattagatg tgtagaagaa aaacagctgt ataacataga aatagaaaag acccaaacta      120
aaacacaagg aggaaaaaag agcttcagtg acctgtggaa cagtatcagg cagtgtgaca      180
taacctagaa gtcccagaag aggaggagaa gaagggtgtga agaaaaaaaa tatttgaaga      240
aacaatggca ggcaatgccg gaaaataactt caaatgtggt aagagcaata aaccacaaat      300
ttgaagatgc ttaataaaac tcaagaaaga taaagaaaac catattg                                347

<210> 874
<211> 350
<212> DNA
<213> Homo sapiens

<400> 874
ggaactttga cagtgaataa aatatcagaa atgaaaactt taataaatga aattaacagc      60
tgattatatt tgtagaagaa aaacagctgt ataacataga aatagaaaag acccaaacta      120
aaacacatgg aggaaaaaag agcttcagtg acctgtggaa cagtatcagg cagtgtgaca      180
taacctagaa gtcccagaag aggaggagaa gaagggtgtga agaaaaaaaa tatttgaaga      240
aacaatggca ggcaatgccg gaaaataactt caaatgtggt aagagcaata aaccacaaat      300
ttgaagatgc ttaataaaac tcaagaaaga taaagaaaac catattgagg                                350

<210> 875
<211> 398
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(398)
<223> n = A,T,C or G

<400> 875
gaaggaagca atgggttcagg cagaggaagc ggctgctgag attactagga agctggagaa      60
acaggagaag aaacgcttaa agaaggaaaa gaaacggctg gctgcacttg ccctcgcgctc      120
ttcagaaaac agcagtagta ctccagagga gtgtgaggag acgagtgaag aacccaaaaa      180
gaagaaaaag caaaagcccc aggaggttcc tcaggagaat ggaatggaag acccatctat      240
ctctttctcc aaacccaaga aaaagaaatc tttttccaag gaggagtgtg tgagtagcga      300
tcttgaagag accgctggca gcaccagtat tccaagagg aagaagtcta caccaagga      360
ggaaacagtt aatgacctgt aggaggcang ccacagaa                                398

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<210> 876
 <211> 369
 <212> DNA
 <213> Homo sapiens

<400> 876
 gtttttattt gtgaactctg cgagttcagg agccatgtca gtcaccattg taccctgtg 60
 cctggtggtt aacaaatatt gatcaacaaa ctggaggata taattatcat tactccattt 120
 ttcagatgaa gaaacagaaa ctgagagcaa ctaaactttt gcccaaata ga ctccaactgt 180
 aggtgtcaga caaaagaaaa gaaaaggact tttaggtact ttgggggatt ttcaacaagg 240
 cttttttttt taaactatag ccccaaagaa gggaaacaaa ctggtaaatt cggttctagt 300
 tatgccccac tttgaccggg ggtgggggtct ggaagcaggc ttttgtgccc tgggtgcaaag 360
 cacctaattg 369

<210> 877
 <211> 386
 <212> DNA
 <213> Homo sapiens

<400> 877
 gctgctccga gataagcata cccttcaaaa aactctcact gctttgggct tggatcgcaa 60
 gccagagacc atccagctca tcacccggga catggtccga gaactcattg ttcccacaga 120
 ggatccctcc ggggagctcc taatcatcag ccctgaggag tttgagcgaa tcaaatgggc 180
 atcccatgtc ctgaccagag aagaacttga ggccaggac caggccttca agaaggagaa 240
 ggaagccacc atggatgcag tgatgacacg aaagaagatc atgaaacaga aggagatggt 300
 gtggaacaac aacaagaagc tcagtgcctt ggaggagggt gccaaggaac gggcccgaa 360
 cctcctgcag agagccaaca agctgc 386

<210> 878
 <211> 345
 <212> DNA
 <213> Homo sapiens

<400> 878
 ctttttaaag gatttagtag attatgtcat ttctctattc ctgttctccc tatagtaggc 60
 ttcttatgtg ttacatttag aataattttc agtgtcctta ccatggtcta caaagaacct 120
 tccaagtttc tgcaactcac tgtaggtgat acgtgtttga gactcaacac atgcacacac 180
 acatctgatg caaaagtttc acaaaacagt actatcctta ttgtatgaga tgtactctaa 240
 tattcttctg tggattttta atgaaataaa atagaaaatc ctgttcttga tcttctaact 300
 tgattttgct accaatgtgg agacatagtt taaaagaaca ctgcc 345

<210> 879
 <211> 408
 <212> DNA
 <213> Homo sapiens

<400> 879
 gggagcggtc tggggagaga gagagaggca taggcaaagg ccctgtggca tggatatgggc 60
 agaaccaagg gagaagatca gtgtggctgg agagcagaga acagagttga aacaaggctg 120
 gaaggtaggc cagtctggac caagcagcct tctttcaact atgtttccag tgtgtttggt 180
 gaacaagggc ctgagaccac tcttaagtag tatgttacat tactccttta gtaggacatg 240
 gcgccttgct tctgacaggg tctatgtaca ccctacaggc catctggaat ctcatctctt 300
 cagaagaatc tctcttttca ttccagtcca atagtgcag cccaaaagta tgtttggaag 360
 tttattcaaa agtcacgtgt tggccggaca tgggtggctca cacctata 408

<210> 880
 <211> 354
 <212> DNA
 <213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(354)
<223> n = A,T,C or G

<400> 880
agttaagcag tctagttctt cggcctcata ctgtcactgt gggtttgtat acgtagaact      60
ttgttgtagc tttttaaaat aaaacctgaa gccttagata tgtaaattga ttcatttaaa      120
cttactttct ttttttttct ggagacagag tcttactttg tcaccaagg ctggagtgtg      180
cagtgggtgtg atcttagctc attgtggcct caacctcctg ggctcaagtg atcctctcaa      240
ctcagcctcc cggttagctg ggaccatagg tgtatgccac cacaccccg c taattttaaa      300
attttttgta gaggcagggg tttgccatat gccagggctg gntctaaact cctg          354

<210> 881
<211> 422
<212> DNA
<213> Homo sapiens

<400> 881
acggaagttc cgagcccggc cccatacctt taccagctgc ttggccttgc acttaaccag      60
ctctcaaccc tcagttttct catcagcaaa ttgggtataa tatttatagc cctgcttcaa      120
agggttgttg gttctctcaa ataagatgat atatttaagt gacttacaag tcttatttagc      180
cagtagcaac aaatcgctta cccaaagaag ttttacaggt tacatgtgtg agccagcccc      240
aggcatgtag tcacagtgtg tgtcagaggg cacagtgtgt tcctctcagt caccaacaga      300
aatcatatgg aaattttcag agacccatga acagccaaag cattataaat gctttggtaa      360
catggatttt gcatataagc atttatgtat ttttttctct acattagata cttacttcta      420
ag                                     422

<210> 882
<211> 373
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(373)
<223> n = A,T,C or G

<400> 882
gtttccaaga ggagggaggc atgccacacc atgcaggcca tgtggagaag cacaagggtt      60
ggtcaggagg cagaagtagc aaggagaagc atgggtgaga gcctttttat atagtgggtg      120
gatgttccct attggacaga aagtgaata ccatgtttgg ggtttgtagt tggagggttt      180
gtaatataat tnccaagngc ccacnccang acaggaatgg tgaggatgtg gacaactttg      240
gctgttnttt tngtccatga tttcnagatg cnaanttttt tnntanaata tcangaagga      300
ttatttatatg cctgcatctg ttttggtctat tatgnctcct angnganaaa ttgctntntt      360
ggaggaanna tta                                     373

<210> 883
<211> 387
<212> DNA
<213> Homo sapiens

<400> 883
gaagaattcg cggccgcgaa ttcttcagtg gattgccacc aagtccagtt ccagtcctaa      60
gacgattttc aagcaggaga agtcagagtc cagtcaagtg cattagaccc agtgttcttg      120
gtcctcttaa aagaaaagg t gaaatggaga cagaaagtca gcccaagaga ctcttccaag      180
gcactaccaa tatgttatct ccagatgccg cgcaactgtc tgatctcagt tcatgttcag      240
atattttgga tggcagtagt agcagcagtg gcttatcctc agaccgctg gctaaaggca      300
gcgctaccgc agagtctcca gtagcatgct ccaattcatg ctcttcgttc atcttgatgg      360

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atgatctctc acccaagtga cttaacc

387

<210> 884

<211> 396

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(396)

<223> n = A,T,C or G

<400> 884

ggatacgcag	acaattcctc	aactgcagct	ccctatgggg	gagctctcta	atcatctgat	60
ggtcatgnnn	nttanccgct	tnacccttna	nntgantcat	nccttatgac	atgactnctg	120
ccattttatcn	tgagatcttt	tatgtngcct	ttgcngaant	cnttnttgct	gaccttcctn	180
attgnctnta	tgantngccn	tgtgggaacc	tatnntatgt	tatnaagtna	ctntgngnan	240
agagncncng	cnttatnnaa	gattgccttt	gactcattga	cccatttggn	ggaaaaagnt	300
nanctattttg	cntggntaaa	nnatnagctn	ntnccgnattt	ttctggggccn	cnaacaacna	360
anaannnacn	gtcgtttttc	nttgnccncn	nggaaa			396

<210> 885

<211> 397

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(397)

<223> n = A,T,C or G

<400> 885

ggctgaaaga	gttttgaggt	gcatgctaga	aaaagcctat	gggtgctttga	agggactctt	60
cgcagaaata	taaatgctaa	gggtgattct	agtgaggtct	caggtggaag	tgaaaaacat	120
gttattagaa	gctgaaggaa	agacattctt	ttcataaagt	ggcaaagaat	ttggatgaac	180
tatttgtttt	ttattatttt	ggagaagaga	gaacatgttt	tctagacgtg	ttgataatct	240
ggccttattt	ctcttttagt	cttagagtaa	aatgcaaaag	gagagagaga	aactgaaaaa	300
tttcttggtt	gggtgtggng	gtcactctt	gtactctcag	gactttggga	ggccaaggca	360
agatcgcttg	aactcgggag	tttgagacca	cctggggc			397

<210> 886

<211> 404

<212> DNA

<213> Homo sapiens

<400> 886

cttgtggctg	cggcctgccc	ctcagcctcc	tccgcgcggt	tacccctgta	cccgcgcgca	60
tccgtccttg	cgctccggat	gagtcaatga	ggggcagggc	ccgaggagtg	gtcttcccaa	120
gaacccctgg	tggcctccca	aggccggtgc	tgtgtacctc	ctccccgaca	aaaggggaaa	180
ctgaggcccc	gaggggagtg	ggaagagccg	gctggacgtc	aggcccagcc	gctggtgcag	240
tggtccgtcc	cctctgccgg	gggtggcccc	tccgggtttcg	cgtgtcctcg	ggaaagagac	300
tggtgggtga	gccgcgccct	cggccttcgc	tgggctaagc	cgaccccatg	cagacgtcaa	360
acccccctag	gtcggcacag	cctctctgcg	gggaggctta	atgg		404

<210> 887

<211> 357

<212> DNA

<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(357)
<223> n = A,T,C or G

<400> 887
ggagccctgg gtgggctcgg agattagggg ccccccatg atggtggtca tgatgcccc 60
acctccacct ccagtccctc cagcagtgca gcctccgggg gcccctccag tcagagacct 120
gggctctgtg cccccagaac tgacagccag ccgccaaagc ttccacatgg ccatgggcaa 180
tcccagcgag ttctttgtgg atgttatgta gcccactgtg gggccaggct gggccgggcg 240
ctcctgggtg gtgactgggt gtcttgccg tcatgtgctt gctcttacag tgctgggct 300
cacctaccag ctgctgcata caggagattg tggccactgt gactatnacc aacaagg 357

<210> 888
<211> 392
<212> DNA
<213> Homo sapiens

<400> 888
ggaactgaga agtgggtggt tgggggagtg gaaggagtt tccctgccc tgtgcccaca 60
gtgcaatggg caaactcctg cctctggcac ccccccacct tcccaccag gccctggtc 120
agcaggctca catgagtggc ggtacagctt gacactgttg gtatatagga actccagcac 180
tgccaggaag gcctcagttg gcacagtgt tagcaccaca ggactgggca ccccggggcc 240
tggctctgtg cccagaagtc gctggaagaa gttgcatcta caggccaaca agcaccgatg 300
ggcaaatacc tcctgccgtt cttgaccaac cacgaagcaa acatcactgt gggagacagg 360
cagagaggca gcggggagga ggccaacacc cg 392

<210> 889
<211> 409
<212> DNA
<213> Homo sapiens

<400> 889
gccggcctgg tgatgaacac cattcaacac tggcctgtgt ttgtggaggt gaaagacctt 60
ttgacattgg tgccgcccct ggtgggcctg aaggggaacc tggagatgac actggcatcc 120
agactctcca cagctgccaa cactggacaa attgatgacc ccaggagca gcacagagtc 180
atcagcagca acctggccct catccagggt caggccactg tcgtggggct cttggctgct 240
gtggctgctg tgctgttggg cgtggtgtct cgagaggaag tggatgtcgc caagggtggag 300
ttgctgtgtg ccagcagtgt cctcactgcc ttccttgag cctttgccct gggggtgctg 360
atggtctgta tagtgattgg tgctcgaaag ctcggggtca acccaaaca 409

<210> 890
<211> 334
<212> DNA
<213> Homo sapiens

<400> 890
gtaccttcaa aaggacacaa tgtaacaggg ttagggaaac agaagtccgc agggcctccc 60
taatgtcttt ggagcttaaa ccccttgat atttgcccct tttcaataaa cgccccacgc 120
tgatagcaca gaggagcccg gcatgcactg tatgggaaag cagtccacct tgttacagtt 180
ttaaatttct tgctatctta gcattcagat accaatggct tgctaaaaga aaaaaagaaa 240
tgtaatgtct ttttattctc aggtcaatcg ctacacttt gttttcagaa tcattgggtt 300
atatattatt gttttttcag tttttttttt tttt 334

<210> 891
<211> 467
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (1)...(467)
 <223> n = A,T,C or G

<400> 891
 tctagaatac aagtttncgc ctctntnatn caggatccca tcgattcnaa ttncgcngct 60
 gacggtacca cacacttctt gaaccctgat actgtactta atatatcact gtcttccata 120
 atactgccct aggtcttttt agtttttaag agaccgggcc tcgctatgct tcccatgctg 180
 aactcaaagc cctgggctta agcaatcctc ccacctcagc ctctggagta gctgggacta 240
 caggggcatg caccaccagg cctggcttcc taggaggggc tttaaagaga aaacatttgt 300
 tcaattgaaa acaggattct tgctatctac aactccaaca cagcctgaaa atatccacat 360
 tataacctgg accttagacc tactttctcc actatcctgc aaagctacat ctgtaactac 420
 ctattggcta tctatatgag tcctcaagca tctcagactt tacatga 467

<210> 892
 <211> 407
 <212> DNA
 <213> Homo sapiens

<400> 892
 attccagata aagggagtag ccagtgtaaa ggtcttaagt taggaacaag cttggtatat 60
 taaagaataa gcaaggaagc cagtgtggtt gaggagagag caacagaaga tgaggtcgag 120
 taagtaatat tggcgccttg taggctctaa ttaggaattg ggcggctgga agtgggtggt 180
 caggcctgta atcccagcac ttctgggagg ccgaggtggg cggatcacga ggtcaagagt 240
 tcgagaccag cctgaccaac atagtgaac gccatctcta ctaaaaatac aaaaattaac 300
 tgggcatagt ggtgcgtgcc tgtaatccca gctacttggg aggctggggc aggagaatcg 360
 cttgaacca ggaggcagat gctgcagtga gccgagaata cccactg 407

<210> 893
 <211> 467
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(467)
 <223> n = A,T,C or G

<400> 893
 actctanaat acaagctact tgttcttttt gcaggatccc atcgattcgc tttgtgatgg 60
 agtttcgctc ttgttgccca ggctggagtc caatggcatg atctcagatc acttgaaccc 120
 aggaggtgga ggttgtggtg agccgagatc gtgccattgc actccagcct gggcaacaac 180
 agtgaaactc cgtctcaaaa aaagaaaaaa aaaaagaaaa ngaaaggaaa ngaaaaaaag 240
 atntggnctt gtntgancca gngaaatttt tttngngnta aaattnaaaa ttgcaagcca 300
 ncanatacat acccaganac tgaacatttt cancaccanc gtaaagtcac gacanaaaaa 360
 ancanaantt ttccacaaac tccctctgct gaggttctctg gaactgctgt tcccnaggng 420
 nggtgttcaa agctactgga atttatgana ggctcagttt ttntcca 467

<210> 894
 <211> 355
 <212> DNA
 <213> Homo sapiens

<400> 894
 ggctcattga agactctgtg ggttaccagc aagcccaact ttccagattc aatatttttt 60
 ctattttctta gctgtgttac cttgggcaag ttaattaacc tctctgtgcc tgcattgtgc 120
 atctgtaaat gagactaata ctagtaccca ccttctaaag tgattatgag cattaaatga 180
 attagtacgt ttaaaggcct agaacagtg tttatgatat gataaacact caataaaatg 240

ttagctattg	atattggtgt	gcccagaagg	cttggtacta	ctagttgatt	tatgtgcttg	300
ccaaaagtgt	ttgtgttggt	aattaagtag	gacataaact	aatgaaaatt	gagtt	355

<210> 895
 <211> 378
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (378)
 <223> n = A,T,C or G

<400> 895						
gccagcagg	cccagcatgc	aggtggtggg	acactgggca	gcaaggctgc	tgccggaatc	60
acttctccaa	tcagtgtttg	gtgtattatc	atthttgtgaa	tttgggtagg	ggggaggtgt	120
gggaggattt	caatccantc	tagagaanat	ataanaaaan	ctanccaggc	ncantggctt	180
acacctgtta	tcccancgct	ttgggaggct	aangcaggca	gatcacttna	naccancttg	240
ggcaacatgg	caaagcccn	tctctncaaa	aaacacaaaa	attanctggc	attgtggcgc	300
acacctgtat	tcccatctac	tcangaagct	gatatgggaag	aattnttttna	cccnanttc	360
aaggctgnat	tgattttt					378

<210> 896
 <211> 386
 <212> DNA
 <213> Homo sapiens

<400> 896						
ctttctcaag	caggagctgg	tattgtaggg	agtggccggg	tattctgggc	tgggctcttc	60
tggagtaggg	ggtcaagcaa	acattgtctg	caaagggccca	gatactgaat	ccagtacttt	120
cagtttggcg	agccgtgagg	tctctgtcga	aactactcaa	ctctgccgtc	ctagcacaaa	180
agcagccata	gacaacacac	aaacgagagg	gcttggctcc	cttccaggaa	gatttattta	240
acaggctccc	agctgaattt	cactcacagg	acacagttta	ctgatctctg	ttctagttag	300
tgggcaaaaa	gcatatgcat	ccttatccgt	caactcatca	gctcttcctc	aaggcaacct	360
gaggccagac	accaagaaac	caagcg				386

<210> 897
 <211> 390
 <212> DNA
 <213> Homo sapiens

<400> 897						
gagagaggcg	ggactgggtc	aagtgggtgg	agctcctcct	tgcattgactg	caactgtcgg	60
ggctttccgc	cggctcacag	cagttggggc	cagcggggag	aagagaggcg	gaactgctgt	120
gtcctcatgt	ggcgcagcct	caaactggca	tccaggcact	gggcccgtgc	agagaaggca	180
cctgcagaga	gcagggcagc	ccggcgagag	ggcatgcgcc	tagaatccca	gctactcgga	240
aggccaaggc	aggaggaccg	cttgagtcca	gggattcaag	gccaacctgg	gcaatagagc	300
gagaccctgt	ctcttaaaaa	acgatgatga	tgaacacaga	ggacggggca	ctgtgctggg	360
agccaggggg	cctgggagga	gcccagacca				390

<210> 898
 <211> 407
 <212> DNA
 <213> Homo sapiens

<400> 898						
ggccagggcc	acagggggcac	gtggcgccgg	gaggagagag	aatgtctttt	cgaggcgagg	60
gtcgtggagg	ctttaatcga	agtgggtggag	gtggcggtt	caaccgaagc	ggcagcatca	120
accacttccg	atgtggaggc	ggcggtggag	gcggcgggca	tttcacaggc	ggcggaagg	180

gaggatttgg	acgaaggggt	ggccgcggag	gctttaacaa	aggccaagac	caaggacctc	240
cagaacgtgt	agtcttatta	ggagagttcc	tgcacccctg	tgaagatgac	atagtttgta	300
aatgtaccca	tatgaaaata	aggtgcctta	tttcaatgct	cctgtttact	tagaaaacaa	360
agaacaaatt	ggaaaagtgg	atgaaatatt	tggacaactc	agagatt		407

<210> 899
 <211> 344
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(344)
 <223> n = A,T,C or G

<400> 899	
tggggcttca	ccatcttgac
ggcctcccaa	agtgctggga
attacagaga	aataagttac
attagtattt	agaaagctct
attgaaaaaa	tggtagtatc
ttgctttcag	ttagggagaa
	aaattagatt
	gtactatntt
	tccg
	60
	120
	180
	240
	300
	344

<210> 900
 <211> 395
 <212> DNA
 <213> Homo sapiens

<400> 900	
gtgatacaat	atttatattgg
ggtgttcata	aagtgggtata
atgaaccata	aagcaaccat
ccaaggggat	aaaatggaat
gaacagatgg	gataagtagg
tatatattaca	ttatcagcag
cagattatca	gatttaaaaa
	aagaggtaac
	tgctg
	60
	120
	180
	240
	300
	360
	395

<210> 901
 <211> 217
 <212> DNA
 <213> Homo sapiens

<400> 901	
gaatacaagc	tcttggttctt
caacggactc	tgcagagctt
tgtaactagt	actaattata
aacagtgcc	cctgtacatg
	ggcaaaaaaa
	aaaaaaa
	60
	120
	180
	217

<210> 902
 <211> 395
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(395)
 <223> n = A,T,C or G

<400> 902

gagatcgagt	ccttataaga	aaaggaagga	actagagcga	ggtcactttg	tgctgtgtga	60
gcatacaaga	aaactgccat	cttcaagctg	gggtgcagtgg	ctcacgcctg	taatcccagc	120
actggaaggc	caaggcatta	ggattgcatg	agtccaggag	ttcgagacca	gcctaggcat	180
gataagacct	tattgctaaa	aaaaaaaaaag	ggaantaaan	taaaaantng	ccntntgcaa	240
angaaaaagc	nttnagccga	cnccaaactg	ccagggcctt	tgnttttgga	ctttcagccc	300
ccaaatntgn	gaaaaattan	tttntgtngt	ttaaaacncc	taccctgngg	nttttgttnt	360
cgcaatccaa	ctgctgaaca	ggccgtangg	aaaaa			395

<210> 903
 <211> 414
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(414)
 <223> n = A,T,C or G

<400> 903						
cacaagggtt	tgtctacgaa	tggttttagcg	ccaggttccc	cacgaacgtg	cgctctcttc	60
agcagaacaa	gagatttgtt	ttgtgtggtg	gtgagggatg	gaatagagag	ctgaagatga	120
gcaaaaggag	ggaggagtca	ggaaaaggca	gctcctatat	gttgaattta	tttttcatta	180
gtactgaagta	tttaaagaag	agggcaccca	ggctggagcc	ctgggaagtc	ccatatgtgg	240
tggtctggtg	gagtgggttg	aggaggtaat	agaaggtcag	aaagtaaaga	tagtaaatat	300
agaccattct	ttcaagaagt	ttggctgtgg	ggctggcatg	gtggccatgc	cttaattcca	360
gtacttttgcg	aggcctaagt	gggaggattg	cttgacctaa	gaatttgana	caac	414

<210> 904
 <211> 403
 <212> DNA
 <213> Homo sapiens

<400> 904						
ggaaaactgt	ggtgtgcaaa	gaagaataaa	aagaagagga	aaaaggtttt	atataatgcc	60
aataaaaaatg	atgattatga	caacgaggag	atcttaacct	atgaggaaat	gtcactttat	120
catcagccag	caaataggaa	gagacctatc	atcttgattg	gtccacagaa	ctgtggccag	180
aatgaattgc	gtcagaggct	catgaacaaa	gaaaaggacc	gctttgcatc	tgcagttcct	240
catacaaccc	ggagtagggc	agaccaagaa	gtagccggta	gagattacca	ctttgtttcg	300
cggcaagcat	tcgaggcaga	catagcagct	ggaaagttca	ttgagcatgg	tgaatttgag	360
aagaatttgt	atggaactag	catagattct	gtcggcaagt	gat		403

<210> 905
 <211> 416
 <212> DNA
 <213> Homo sapiens

<400> 905						
aacaactaac	aaaatgaaaa	ggaccacagc	agcctcactt	gtggaatgaa	aatggggcat	60
tcaggaaagc	acctgtcctg	gccccacagt	atgtcagctg	tataggcaat	agtagtagct	120
gtctcttaga	agggaaataa	tgtatcacct	ctttccagaa	cgaagcaaag	ttgctggctt	180
agtagagccc	tcaattcata	gaggttactg	taattgggcc	tggctcactg	atgctttcgc	240
caactgaaac	tactaggatc	ctgtgtgtgt	tcaaaactcag	tgccattaac	aaacccaaag	300
tgaagcggtc	actcctctca	gtggaaagag	cacgaggatg	ttctcagctc	tggccaatac	360
tccatttcat	aaaccatggt	acatttttgt	taagccttgg	ctctggatgt	ggccta	416

<210> 906
 <211> 413
 <212> DNA
 <213> Homo sapiens

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<400> 906
ggcctgggtcc gcagcgccct gcgcccaccc gccccggacg tggggcccaa gccccgtga      60
agatgggtgtc ctggatgata tccagagccg tgggtgctggt gtttggaatg ctttatcctg    120
catattattc atacaaagct gtgaaaacaa aaaacgtgaa ggaatatgtt cgatggatga    180
tgtactggat tgtttttgtc ctctatactg tgattgaaac agtagccgat caaacagttg    240
cttggtttcc cctgtactat gagctgaaga ttgcttttgt catatggctg ctttctccct    300
ataccaaagg agcaagttta atatatagaa aattccttca tccacttctt tcttcaaagg    360
aaagggagat tgatgattat attgtacaag caaaggaacg aggctatgaa acc              413

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<210> 907
<211> 400
<212> DNA
<213> Homo sapiens

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<400> 907
accacttaaa aggattctta caacaaatta aaatgaggag ggagaactta tttctcctat      60
agtaactgtg cattaaaatt ttatctcgtt tttatttatt ttttaaagat aggggtctcac    120
tctctcacac agggtagagg gcagtggatg atcatagctc actgtaacct caaactcctg    180
tgctcaagtg atcctcccac ctcagccacc cgagtggctg ggactatgca cataggctac    240
cacatccatt attataattg aaaaaatttt tctggccggg cccagtggcg catgcctgta    300
atcccagcac tttgggaggg cgaggcaggc agatcaccta aggtcaggag ttcgagacta    360
gcctggccaa catggcaaaa ccccatctct gctgaaaatc              400

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<210> 908
<211> 496
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (496)
<223> n = A,T,C or G

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<400> 908
gactatagaa acaagctact tgttcttttt gcaggatccc atcgattcga attccgttgt      60
tgacttaggc tggctctggg agcttctgga agctcccaag cttttagact catgccaaca    120
gagcccaggg acagaggcag agccccagag gggtgacacc ccctctgagt cccattcgct    180
ttgctgccc aagtgatagtt ggcattctatt ttggccttgt ggcactgatt agcctttctt    240
ccatgggtcaa cttctatatt gtggccctcc cactggcagt tggttaggg gtcttgctgg    300
tggtgctgtt tggcaaccag acctcagact ttaagaacac tctgggggtca gcatttctca    360
cttcacctat cttctatggc cgcccatagc catactgccc attagcgtgg ccncattac    420
agctcagagc atcgccgcta caaagctttg gtggcatcag agccgtcant gngcgggtcta    480
tcgctggcct gnttac              496

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<210> 909
<211> 388
<212> DNA
<213> Homo sapiens

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<400> 909
ggtacgagta agttccctga actcgaagct ctctgcacag gaaaggaagg agctgcttgc      60
tgacctggag cgagaaaagc cccagaccaa gattctgtac atcacccag agatggcagc    120
ttcatcctcc ttccagccca ccctgaactc cctgggtgtc cgccacctgc tgtcttactt    180
gggtggtggat gaagctcatt gtgtttccca atgggggcat gactttcgtc ctgactactt    240
gcgtctgggt gccctgcgtc cccgcctggg acatgcccct tgtgtggctc tgaccgccac    300
agccacccca caggtccaag aggacgtgtt tgctgcctgc acctgaagaa accaagtgca    360
tcttcaagac tctgtcttcc gggcaact              388

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<210> 910

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<211> 387
<212> DNA
<213> Homo sapiens

<400> 910
ggggagaggt ggtgaagggt ttgccactg caggggtcaa catgtgcttc cctccaggag      60
tctgccgtgc acccgagga gattttcaag cagaaggaga gggccatgtc caccacctcc      120
atctccagtc ctcagcctgg tgagctctcc ctttgggcct ggccatgagg cagcagcagg      180
ctgaggggga gcctgggggt ctatgtgggc tcccccaagg ctagtgcagc atatatcggt      240
gacgggtgag tgagtgagga gaaggacac ctggggccat tgacctcatc agtgaccaca      300
ctggtcacca gtttggcctc caaaagatat tgggctgcgc tgtctaccac gtcaccacat      360
agcacatggc cctggggcct ctgttcc                                     387

<210> 911
<211> 368
<212> DNA
<213> Homo sapiens

<400> 911
atttgagaa agtttttagag agtggggctc aggetcaaga atacaatgaa gtaataaagt      60
tgtaaacctc atgtataaaa tcttccatcc agatgttgct tagtgatgca gctagtgtt      120
ctggaggaaa agaagcaaga accaaataat gaagactaca tcaatgggaa caagtgtac      180
ttttaggtgt tttgttctca gaatatatta aaagaaagga aattaacaac agaagaaaaa      240
tatttcctta tatgaattaa tggtttttat aagaaaaata tctttctgga gatactaaga      300
ttgacctaga aattgatcca aggaccagat gcttaaagtt cacttcaatt ggtcactaga      360
aagatcca                                     368

<210> 912
<211> 385
<212> DNA
<213> Homo sapiens

<400> 912
gaataactag acagaatatt tgtaaggaaa tagagggtt gaacaacata ataaattaac      60
tcgatctgtc agacatatac agaacactct acccaacaac agcagatgat acattcttct      120
cttctcaagt gtacatggaa catcctccag ataaactacg tgtttgcca caaaacaagt      180
cttaataaat tttcaaagat tgacatcatt acaaaatttc tgatcacaat gaagtgaac      240
ctcaaaccaa ggaaggataa ctataaaatc cacaaatatg tgaaaattta aaaactcact      300
ctacagcaac cattgggtca aagaagaaat cccaaggaaa attggcaaat accttgaaac      360
aaaaaaatc atcatacca aattt                                     385

<210> 913
<211> 485
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(485)
<223> n = A,T,C or G

<400> 913
tttgaantcn ataatacaag ttncctgtcc tttttgcagg atcccatcga ttcgaattcg      60
gcacgaggct ggaggcattc gaaagggaact cccgatgtgg tgggcggggc tgaaccctgt      120
ggcttctgag gtccctgccg gccagagact tgtgtgagtc tttgaatggc ttcacatgaa      180
caaaagagca tttctgtcac ctttctctta gttttttcca ccacaccac cagggagctg      240
aggcaaggtt gtttctgttg ctgtttcctt aggtcagctg aggtgtcca ttgatgcca      300
ggaccgggtt ctgctgcttc acagtgagta cggctttgtg caggctcacc aaggaagggg      360
cgggccactc agcagagcag ggccacagaa gagttttcct atcttcctc ctttctttat      420

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tccatccttt	cttcttttct	ctatctttct	cactcattca	tttattcatt	ggttgacagg	480
cagca						485

<210> 914
 <211> 405
 <212> DNA
 <213> Homo sapiens

<400> 914						
aaaaaattca	tactggagag	aaaccctatg	agaaccctaa	ccctaacgct	tcagttgtcc	60
cagttctttc	atgagcatga	aaggagtcac	atagagaaac	cccatgaaag	taagaaattt	120
gggaaagcct	tcagtccttt	ctgtttcttt	caactacgtg	aaaggattca	cagtggagaa	180
agaccctgta	agataattgg	ctttaaatta	cgagagactt	gtgataggac	agtaaacctt	240
agagttggag	ttggatctct	ggattgtgtt	atgtcagtgt	tggtagggtta	ggaactagat	300
ttcccagaat	ccattccatt	tgtgattcca	tgatacaatt	caccagtaac	ctatcttaca	360
tgagattcgg	aagtaagtta	aagaaggcat	tagtcatggg	ttgga		405

<210> 915
 <211> 466
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(466)
 <223> n = A,T,C or G

<400> 915						
tttgnnnccc	tttaatacaa	gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	60
ggcacgagat	atagtccaga	tgaggaaaat	aaggctgaag	gcaagctaaa	cttgcctgaa	120
gccacattgc	taggaagtga	cagaaccttg	taaacaagat	ttaagatttg	atatactttc	180
ttatctttcta	aaaatttcaa	tgtgcatgta	gttctcagat	gctttcctcg	aagaaaaggg	240
agtgtcatct	atctatctga	ccttgcaatt	atgacatttc	ttagaagttt	tttttttttaa	300
ctgaccgtat	cttatgaaat	ggctctgcga	tggtgttggt	gaaatgactt	ttttgctgca	360
gtgtgccttg	ccctgataat	tccttcttcc	tactatgctt	cagggttaatt	atttctctta	420
ctcccactga	tactggggga	aggagaggaa	actccctgat	gtgcct		466

<210> 916
 <211> 418
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(418)
 <223> n = A,T,C or G

<400> 916						
cccatctgct	tgtcggtttta	aacctagaaa	atagtggcta	ttggctgggc	atgatagctc	60
acgcctgtaa	tcccagcact	tcgggggggt	gaggcaggct	tgtacaaaaa	attcaaaaaa	120
attagctcag	tgtgggtggca	cacacctgta	gtcccagata	ctcggggaggc	tgaagtggga	180
caatcacctg	agcctggcag	tcaaggctac	agtgaggcag	gattgaacct	ctgctctcca	240
gcttgggtga	cagagtaaga	ctctgtctca	gaaaaaaaaa	aacaaaaaac	aggggctatt	300
aatcttcccc	tcagttcctc	ccatcctcct	cccctccccg	gggctanaaa	gccgaagctg	360
anattcaatc	ccanaggcca	gctggatttg	ggagacctca	aatgccagggt	caggcata	418

<210> 917
 <211> 390
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(390)

<223> n = A,T,C or G

<400> 917

gcagggacta	ctgggacaaa	aatcagatga	gcagcaagca	gcccacaagc	caaaccctgc	60
acacctgggc	agagtcttca	ccgcaacata	aagcagagtc	cgaggagccg	ggcacctggt	120
ttcagtgagt	gagctctgtt	tcggttgacc	caggtcatgg	aatggaaaacg	gtgaggccca	180
tttgcgtnat	ttncaaaaac	gacatanact	ggnanatgcc	catttgcant	cattccatag	240
ngaaatgtgt	gacaaaatg	ctctggagga	agattcanaa	agcgtnntg	aaatangaag	300
tgatgaggaa	tctnaaaatg	aaattacnng	tgttggnana	ncttnngtga	tgactntnna	360
anngnanatn	atnanangnn	gatannataa				390

<210> 918

<211> 395

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(395)

<223> n = A,T,C or G

<400> 918

gatgagagcg	gcagagacta	tagggagagg	gaacgggaat	atgaacgaga	tcaggagcgc	60
atacttcgag	aaagagagag	gctgaagcgg	caagaagaag	agcgccgtag	gcagaaggag	120
cgctatgaga	aagagaagac	ttttaagaga	aaagaagaag	aaatgaaaaa	agagaaagac	180
acacttcggg	ataaaagaaa	gaaggctgaa	agtacagaat	caataggcag	ctcataaaaa	240
actgaaaaga	aagaagaagt	ggtcaagaga	gatcgaataa	gaaacaagga	tcgtccagcg	300
atgcagcttt	accaaccagg	agctcgaagc	cgaaatcgac	tctgtcccc	tgatgacagc	360
accaagtctg	gagattcanc	agcagaaagg	aagca			395

<210> 919

<211> 389

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(389)

<223> n = A,T,C or G

<400> 919

gcaagaccca	ccaggtgcc	gctgcccctg	ccccttgccc	atgccctgtg	tgtgggcggc	60
ccctggccaa	ccagggctcc	ctgcggaacc	atatgaggct	ccatacagga	gaaaagcctt	120
tctgtgccc	gactgtggc	cgggcgtttc	gtcagcgggg	caacctgcgt	gggcatttgc	180
ggctccacac	cggggagcgt	ccttaccgct	gccacactg	tgcn gatgcc	ttcccccagc	240
tgctgaact	gcggcgccat	ctcatctcac	acaccgggga	ggcccacttg	tgcccgtgtg	300
tggcaaggcc	ctccgagacc	cacacacgct	ccgagctcac	gagcgccctgc	actccggaaa	360
gaggcccttt	cctgtcccca	atgtggccg				389

<210> 920

<211> 411

<212> DNA

<213> Homo sapiens

```

<400> 920
aggaattatt tacacagccc tgttgagag ttaaggagca aacaagatgg caaggcatcc      60
aattctagaa atgataagac agaaccatcc ctagggatga tgagacaagg agcaggagtt      120
tccttaagag cccagtgtaa gcagaggcac aggagggcag gatggaggga cgtacagcct      180
gaaaggacac tgccatggtc caggcaaagg gtcaaagcag gaacagatga agatgtatct      240
cctttaaaaa caaacaaca aaaaaagaca gtttccctct gtcacccaag ctggagtgc      300
atggtacaat cttggctcac tgcaacctcc acctcccaag ttcaagcgat tctcctgcct      360
caacctcctg aatagctagg attacaggcg tgcccagcta atttttctat t              411

```

```

<210> 921
<211> 396
<212> DNA
<213> Homo sapiens

```

```

<400> 921
ggcttggtgg ctcatgcctg taatctcaac actttgggag gccaaaggta gaagaacact      60
tgaggcctgg agttaccagc ctgggcaaca tagcaagacc ccatctctat gaaaaaaaaa      120
taaataaata gaaaagaaag aaatgcagaa tcccagtcac caccacagac ctcctgagtc      180
agtctgcatt agaataagct cctcaggcaa ttctcacatg tgttgagtt tgagaatcct      240
ggaagcccac catgcctcgt gcctaattag cagtcagtgt ttgcatcatg aacggacggc      300
ctttctctct atttccattt tgtgttacag gcctgggtggg taggagatga agtttttgca      360
gatgtctgga gaatatgtac caacaacacg aattgc              396

```

```

<210> 922
<211> 414
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(414)
<223> n = A,T,C or G

```

```

<400> 922
gtttttgaac attttcttga aaatctggat aaatcccgaa aaggagaact tcttaagaag      60
agtggtaaga cgctatgcct ttcccttcta tctagttaga tcttattatt agtagaaatg      120
agcaattttt gagttctagt ctttctttgc cctcctccca aaatttacag atttatctta      180
ctatccttaa tgttttgga attgaggttc cttaattcaa tttaacacat agttattaaa      240
cacattctaa gtatcaggtc tataagggag acaaagatga attaacatca tgctccttg      300
cccttaagaa gtactaactt ggccaggcac ggtggctcac gcctgtaatc ccagcacttt      360
gggagaccaa ggcagttgga tcacttgagg tcaggagtgc gagaccanct ggcc              414

```

```

<210> 923
<211> 398
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(398)
<223> n = A,T,C or G

```

```

<400> 923
cctgtatggc cccattgtga aacatatttc attttttgat ttcttcaagc ataagtatca      60
aataaatatc gatggcactg tagcagctta tcgcctgcc aatttgctag ttggtgacag      120
tggtgtgctg aagcaggatt ccactacta tgaacatttt tacaatgagc tgcagccctg      180
gaaacactac attccagtta agagcaacct gagcgatctg ctagaaaaac ttaaatgggc      240
gaaagatcac gatgaagagg ccaaaaagat agcaaaaagc ggacaagaat ttgcaagaaa      300
taatctcatg ggcgatgaca tattctgtta ttatttcaaa cttttccagg aatatgccaa      360

```


tttacaagtg agtgagcccc caatccgaga nggcatga 398

<210> 924
<211> 389
<212> DNA
<213> Homo sapiens

<400> 924
gcaggctctt atactatctt gcacaggctg gtctcgaact cctgggctca agcagtcac 60
ctgcctcagc cttccaaagc tcagggatta cagacatgag ccacagcacc aggccaacaa 120
tatttcttaa agctcctgga gtgattccaa tatgcagcca aggttgaaaa ctacccttta 180
aaaggctcgg catccagtgt ggaagaccag cactcacaca tccggagacc ttaccgggag 240
ccaggctgcc cctgatcatc tctgataact ttaaaaggaa ggcctcagaa gcagccccag 300
aagcaaaagt ttctctctga ccttctcctg cctcttgtct ctggcttttc atttcccccc 360
aaggctaccc atagaaacta gaatccctc 389

<210> 925
<211> 409
<212> DNA
<213> Homo sapiens

<400> 925
gcagaagtta gaccaccatt tacatatgca tctttaatta ggcaggccat tctcgaatct 60
ccagaaaagc agctaact aaatgagatc tataactggg tcacacgaat gtttgcttac 120
ttccgacgca acgcgccac gtggaagaat gcagtgcgtc ataactcttag tcttcacaag 180
tgttttgtgc gagtagaaaa cgtaaaggg gcagtatgga cagtggatga agtagaattc 240
caaaaacgaa ggccacaaaa gatcagtggt aacccttccc ttattaaaaa catgcagagc 300
agccacgcct actgcacacc tctcaatgca gctttacagg cttcaatggc tgagaatagt 360
atacctctat cactaccgct tccatgggaa atcccctctg ggcaactta 409

<210> 926
<211> 381
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(381)
<223> n = A,T,C or G

<400> 926
cttgacagct catgttggtg tagtcttggt tagattgaat cttttgacct tctggtacct 60
gaagatttat gtttttcac agatttgcaa agttttatgc tattatctct ttaaataatc 120
tttctatccc tttgtcttct tcttctctc tatgaatttc tgcaactcaa acatttgctc 180
ttttcacagt ctcataaatc ctgtaagtgt tccttattac ttttcattct ttttctttt 240
tccttctcta gctgtatctt cagacaacct gtctgagttc aaattctttc ctctacatga 300
ttaattctga tattgatgct ctttgntgca ttttttcatt ttattcattg natttttcag 360
ctccagaatt tctgnttctt t 381

<210> 927
<211> 167
<212> DNA
<213> Homo sapiens

<400> 927
gaagaattcg cggccgccta ccgtacaacc ctaacataac cattcttaat ttaactattt 60
atattatcct aactactacc gcatttctcc ccacactcat cgcccttacc acgctactcc 120
tacctatctc cccttttata ctaataatct tataaaaaaa aaaaaaa 167

<210> 928
 <211> 381
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(381)
 <223> n = A,T,C or G

<400> 928
 ggagaacagg agggcatgtc cctttgggag cccgccttgt ggatccacca caccaccacg 60
 agcactagaa gctgcataag ctacacagga tgtgcttctg cagcctacag atgcagaacc 120
 agaatgaggg ggacaattcc acccactcga gggctgcccc ctcttcctta gcagacgaac 180
 cagtaaatgg ggcaaggctg gggcatccca gcccacacac cctggatgcc cagcaaggcc 240
 acagaaagag cctgatgtcc atgatccagg tggctctgag aagcttgccc tggacacctg 300
 agcctgcggc cggctactct gcttctcccc atctatcccc aaggcctctg ctctcacctc 360
 ttccatggnc gggttaagct g 381

<210> 929
 <211> 419
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(419)
 <223> n = A,T,C or G

<400> 929
 gcgcgagaat ctgcaaagtc aagccacttg gggcacccag tggggcacag tgtgggtggct 60
 cctgggcaag gcgggaaggt ggtcagttag cagtatggaa acagaggaag gtcccaagtg 120
 ataggacggc ctgacttggc acttgagtca gatttgtctg tgttccaatc agcattgcc 180
 cttcctgggt tttacacctt gaaacatttt tttcacttaa ttcaacctta gttttttatt 240
 aactgtcaat tgcattttta cagttagagt tcaaaggtaa gaaaatgttt aagaggtgga 300
 tttcagaaaa gacattacat atatagtcaa atattcactt gttaaaaatt ctgatttacc 360
 tttttcttca ctagagtata gtaagtttgc agcctgttcc tttttaaggg ngattttta 419

<210> 930
 <211> 410
 <212> DNA
 <213> Homo sapiens

<400> 930
 gttcttttaa gaaagagggg gaagaaaaaa agcccaagtg aataaaacat tgaaactatt 60
 ccccttcgaa aataaattct aaaatcgaca gcaacggaat tccgttgctg tcggggaaca 120
 ggaaaagaaa ccccaaactc aggccgaatg atcaagggga cccataggaa atcttgtcca 180
 gagacaagac ttcgggaagg tgtctggaca ttcagaacac caagacttga aggtgccttg 240
 ctcaatggaa gaggccagga cagagctgac aaaattttgc tcccagtgga aggccacagc 300
 aaccttctgc ccactctgtc tgttcattga gagggccctt gcctcacctc tgccattttg 360
 ggttaggaga agtcaagttg ggagcctgaa atagtggttc ttggaaaaat 410

<210> 931
 <211> 489
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(489)
 <223> n = A,T,C or G

```
<400> 931
ttgaanccct tnnnnntttg aaacccttta atacaagcta cttgttcttt ttgcaggatc      60
ccatcgattc gaattcggca cgaggaacta tctagtagct ggttccctcc gaagtttccc      120
tcaggatagc tgggacagca gctgctgctg tggaaaggcc agctggcaag atgatggaag      180
aaatctccat tatggtagcc tatgacgccc atgttttcag ccagctgcac gatgaagact      240
tcctcactag tctggtggcc atcagcaagc ccaggtctat ggtaccaacc aagaagctga      300
agaaatatga gaaagaatat cagacaatgc gagagagtca gctgcaacag gaagacccaa      360
tggatagata caagtttgta tattttagg taactccagc tgttgcatth atactgggaa      420
tcttcataag aagctgagag aaagagaggg gaaaaagaaa gtggctttct actttcaaaa      480
atgaaacaa                                     489
```

<210> 932
 <211> 416
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(416)
 <223> n = A,T,C or G

```
<400> 932
tgctatttta ggtatatcaa gcacaagaac ccattataga gagtggggtt tttcattgta      60
tttctgagac tcctctctta gaatcatctc taccgcata tcgtgttttc ttttcttctc      120
acaatttttag tacagaggaa aatcccaaga gagaagatta ttttggaatc acaaattcttg      180
ttgaacatcc agcccagctc aatcctccag gtaatgtata gattcctgaa tcaagtctct      240
agagcagcat taccatttgg aaattttatac agtgaggaaac atgttctgta tctatgctgt      300
tcaatacaat agccactacc catgtgtaat tctttttttt aattcagttt ttttcttgac      360
aatagtttgt tgtttgacca gtgaacatac attttaagtg catattcctg ngctta       416
```

<210> 933
 <211> 354
 <212> DNA
 <213> Homo sapiens

```
<400> 933
ctgaggatgg accaggagtc aggcgccagg aagaacaaaa acacgatgac tatgtgtatg      60
acatttacta cttggagacg gccactccag gctggattga gaacatcctc tccgtgcagc      120
cctacagcca agaattgggag ctggtgaatg atgatcaaga accagaggac atttacgacg      180
atgaagatga cgagaacagt gagaataact ggcgcaatga gtaccagag gaggagagca      240
gtgatggaga tgaggattcc agaggctctg ctgactacaa cagcctgagt gaggaggaaa      300
gaggcagcag cagacagcgg atgtggagca agtccctctg gatgtgcaga agga       354
```

<210> 934
 <211> 347
 <212> DNA
 <213> Homo sapiens

```
<400> 934
ctaccccgat gccggggagg gttctgctgc ttcgaaagct gctctaccct tctccaaaag      60
aagagccaag agaaggtcct tttctacaaa tatcagagcc atggctcagg agtcagtgat      120
gttcagtgat gtgtccgtag acttctctca ggaggagtgg gaatgcctga atgatgatca      180
gagagattta tacagagatg tgatgttggg gaattacagc aacctgggtt caatgggtaa      240
ggacatctgt ccatagtaat ttagattctg cccttggaag gcctacttcc tccaatgtga      300
aatgctcacc tggctttcaa aaaccagtcg aattttgata tcctgtt       347
```

<210> 935
 <211> 402
 <212> DNA
 <213> Homo sapiens

```
<400> 935
gttaaaggaa agtttccttg ttggttccta ccatatgaaa gatgctatat tctatatttag      60
cagtgccaat atatggaaaa tatctaaatt aaatgttatt acaaaaatga agcagtaatg      120
agattctggc taaagagggc actaaatgag aataatatat atttaaaagg gttgctgccg      180
ccccatctgc tattgcccg cgaggtcgcc gctgcctcag ctgccatcgc cgctacaggc      240
accagtgccg ctgcgcggga gctagggctg tcgaggccaa cccttcgcgc cccgtgacgc      300
ggggcctgag agacggagt tagggagggg ccgagcagga ggaggaggaa gccggagctg      360
catgaaggag ggtctggggg cgagcaaaca ggcggcgctt aa                               402
```

<210> 936
 <211> 411
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(411)
 <223> n = A,T,C or G

```
<400> 936
gcagagaaga aatacaagcc actcaacaca acacctaatg ccaccaaaga gatcaaagtg      60
aagatcatcc cgccacagcc tatggagggg gatgggttta aggttgact tgtcagaaac      120
caccactgtg ctgggggagtg ggcataatcct ggagcagcta cgttgctctg acgtttgagg      180
gggatgggtt taagggttgta cttgtcagaa accaccactg tgctggcatt cttcttcaca      240
ggcaccaagg atggtgtctc cagctctagt ccagtggaac ggaacttggc atgactgggt      300
gctgtggtgc gaagagactt gggcttctcc ctcttctctc ctggggcctc ctgagcccgg      360
gtctcagcct tcacctctgt caaaggctgc tcaagaaggg tagttcnact t                               411
```

<210> 937
 <211> 398
 <212> DNA
 <213> Homo sapiens

```
<400> 937
acctgcttct gggtcggggg ttctgtacgta gcagagcagc tccctcgctg cgatctattg      60
aaagtcagcc ctgcgacaaa ggggtttgtcc aagcccgtgc tctatggcct ctccctctac      120
atcgcgctca cctccctcga tggcaaccag ctcgctccagc gcgtggccct gctgctcaag      180
gagcagactg cgtaccccc gagacactac atccggaggg tgccccagag gaagatccac      240
tacttcacgg gcctgcaggt gcttcagctg ctgctgctgt gtgccttcgg catgagctcc      300
ctgccctaca tgaagatgat ctttccctcc atcatgatcg ccatgatccc catccgctat      360
atcctgctgc ccgaatcatt gaagccaagt acttgatg                               398
```

<210> 938
 <211> 375
 <212> DNA
 <213> Homo sapiens

```
<400> 938
acctgcttct gggtcggggg ttctgtacgta gcagagcagc tccctcgctg cgatctattg      60
aaagtcagcc ctgcgacaaa ggggtttgtcc aagcccgtgc tctatggcct ctccctctac      120
atcgcgctca cctccctcga tggcaaccag ctcgctccagc gcgtggccct gctgctcaag      180
gagcagactg cgtaccccc gagacactac atccggaggg tgccccagag gaagatccac      240
tacttcacgg gcctgcaggt gcttcagctg ctgctgctgt gtgccttcgg catgagctcc      300
ctgccctaca tgaagatgat ctttccctcc atcatgatcg ccatgatccc catccgctat      360
```

atcctgctgc cccga 375

<210> 939
<211> 363
<212> DNA
<213> Homo sapiens

<400> 939
ggcccctgca gcagcagcag cggcgtgggc agagcgagct tcggagaagc agtgggtgggt 60
tccatgtgat ggtggagtag gaggcaggtc tccgcggcta gtcaccctgc tgtggaatag 120
aaggccagaa ttgatcagtc tcatctgaga gtaactttgt acccatcact gattccttct 180
gagactgcct ccacttcccc agcagcctct ggtttcttca tgtggctgca gatggcagga 240
tttcccaaag gtttctggct gaaacatatt ccgtgggtga tctgtacagc agtttcctta 300
tcctgcagc tgtgtttgaa caggaaagaa aaaagaagaa aaaaaacctc catacgagag 360
tgg 363

<210> 940
<211> 379
<212> DNA
<213> Homo sapiens

<400> 940
cccgagtcaa ggccggcttt gagtccaggc actgcacagg gtgaggagga gacgattctc 60
tatgacttgt tggccaacac cgagtggcca ccggagactg aagtacagcc tagaggcaac 120
caaaaacatg gtgcatcctt tatcatcacg aaagcaattc gagatcgttc attattttta 180
cgccaatata tctggtacag ccgggcacct tttttgctcc ctgatggact ggttcgcttg 240
gttaataaac agataaactg gcatttggtta cttgcaagca atggaaagct tttggctgct 300
gtcaagatca gtgtgtggaa atcaagtctg caaaagatga ttttacatcc attattggga 360
aatgtcaaag ttccaaaga 379

<210> 941
<211> 361
<212> DNA
<213> Homo sapiens

<400> 941
gcgtaacttt ttactgcac taatgagggt gttttaagtg acactcagtg tacacagatc 60
ccatcctctg gctgctagga gagaagtgtc gaatgttccg tgtggagatg ctcaggaaag 120
ttatttgagt taaattgctg gctgagagag cttggaagtc cttttcataa aaggtaacct 180
tttccttttc ttattgaatt cttagaactt agttaacct cctgccttt tcttaacaaa 240
aaggactttt ctaaggactg aagattggca aaaacgaaaa gcttcttcct ccaagagccc 300
attgaagaag ccagtgatg agacggtgag atgggttgag cctcggtgcc tgggtagcaa 360
g 361

<210> 942
<211> 375
<212> DNA
<213> Homo sapiens

<400> 942
gccgtgccg ccatttcaag accgtactag gtagatggtc aattagagtt ccaggggttt 60
gaagcctgta actgctgccg ccgctcaagc cctccagagc attgctacgg ctgctgccct 120
tgtactacta cctccaaata cgttcttgct ggtagtggcg gcagcaggac caattacctc 180
ttttttgctc tccctcgaga agctccagat ggcgtcttcc gtgggcaacg tggccgacag 240
cacagaacca acgaaacgta tgctttcctt ccaaggggta gctgagttgg cacatcgaga 300
atatcaggca ggagattttg aggcagctga gagacactgc atgcagctct ggagacaaga 360
gccagacaat actgg 375

<210> 943

<211> 345
 <212> DNA
 <213> Homo sapiens

<400> 943
 tagggccgga ccttgccctgc cccttggtt ctcagggctt tgctctgaca ccatgacagc 60
 tgcccggggc tgagggcagc tggctccact caaatgagga agaagggatc actccatta 120
 gggcctgctt tgcttatgca tgtgtgtgca catgcatgta aaccaggac cttcagctca 180
 cggcctccag gcctgggcca gttcttgctg ctctgcccgt ccccccgac tggctgtgtc 240
 ctgagtaact ggaacatgag actgtatctg caggactggc cccatgggtg ccgagtcaga 300
 agtctgtttc ctgtgagtcg ccaccgttca ctcagtcttg cctcc 345

<210> 944
 <211> 383
 <212> DNA
 <213> Homo sapiens

<400> 944
 gatgttgtaa agtgcacatc ggtggccagc ccaggatttg tgaggagca gttctgagc 60
 tacatgtttc aacaagcagt gaagaccgac aacaaactgc tcctggaaaa ccggtccaaa 120
 tttcttcagg tacatgcctc ctccggacac aagtactccc tgaaaggagc cttttgtgac 180
 cctactgtgg ctagccgcct ttcagacact aaagctgctg ggaagtcac agccttgat 240
 gacttctata aaatgttaca gcatgaaccg gatcgagctt tctatggact caagcaggtg 300
 gagaaggcca atgaagccat ggcaattgac acattgctca tcaacgatga gctcttcagg 360
 catcaggatg tagccacacg gag 383

<210> 945
 <211> 424
 <212> DNA
 <213> Homo sapiens

<400> 945
 agctaattgac cggattgtg tactgagatc agacttcagg gatgaagcag ctgtatgttc 60
 tcatgtcctg gacactacca cgttgatggc tttctaaatc caggagcag gaaaattcag 120
 attcgaaaca tccctcctca cctgcagtgg gaggtgttgg atggactttt ggctcaatat 180
 gggacagtgg agaattgtga acaagtcaac acagacacag aaaccgccgt tgtcaacgtc 240
 acatatgcaa caagagaaga agcaaaaata gccatggaga agctaagcgg gcatcagttt 300
 gagaactact ctttcaagat ttcctacatc ccgatgaag aggtgagctc cccttcgccc 360
 cctcagcgag cccagcgtgg ggaccactct tccgggagca aggccacgcc cctgggggca 420
 cttt 424

<210> 946
 <211> 336
 <212> DNA
 <213> Homo sapiens

<400> 946
 gaaagactct tttccagagg ctaaaaggac aagaaaatct gatttgcttg cttctaactt 60
 tgcgttttaa agggggaagg aggaaaggaa agagggggag gtgtcggagt tttctcctgg 120
 ttgctgagga gacccagggc tcccggccag cctgtgacac agggcgacag cgattgagca 180
 gaaagctgct gtggaaaccg agtggggact ttactgatag tgacagtgat gacttcggag 240
 aggctgacgg ccggtacttc aggctcagcc agcagtcaca ctgcccagat ttctttcttt 300
 tcctctgccg cctgctcagc ccgctgctca aggcct 336

<210> 947
 <211> 388
 <212> DNA
 <213> Homo sapiens

<400> 947
ccaaggcaca gacaggagag gtggcagctt tcaaagggtg gcccccgctc tcctggctag 60
tgattgatgg gaagcatcta gccaaagcccc caaaggactg gcaccctctg gccaggaca 120
cagggactgg gactgcctac attgagtata aaaccagcaa agaaggcagt acgggtggggg 180
tcacagtgtc ccacgcaccc ctgctggcac agtgccgggc tctgacccag gcgtgcgggt 240
actcagaagc tgaacatta acaaacgtgc tggatttcaa aagggatgct ggtctgtggc 300
atggcggtgtt aacaagcgct atgaacagga tgcacgtggt cagcgctccc tacgcgctga 360
tgaaggcgaa cccactctcc tggatcca 388

<210> 948
<211> 380
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(380)
<223> n = A,T,C or G

<400> 948
attattttaa atggaattgt tcccttaatt ttcttttcat attgtttatt gctagtatat 60
agaagtagaa cttttatttc tgatcttgta acctgcaatt ttgttgaatt tgtctattac 120
ctctaataata ttcttttgta gctcctttag ggttttctat gataggatca tgtcacctgc 180
aaatagagat agttttactt cttcttttcc aatttatatg ccttttattt atcattcttg 240
cctaattact cagactagag cttccagtaa agtggtgaat agcagtggta gaagtgggca 300
ccttgtctgt tcctggcata gggggaagct tttagctttc accgctgaat ataatgntag 360
ctgngggatt ttcattaatg 380

<210> 949
<211> 386
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(386)
<223> n = A,T,C or G

<400> 949
atcggtccc gcagccccgc gtgggctcgt gcgagtcggc ctctgtgtct gcgagattaa 60
tctctcatgg ccgctgcaca agaacctggc ttttagctga actaaggaga aagtcctaca 120
acagtttggc gtgcaacatg gggcttgaga aagggtgagt gagatgcaaa ccaagaaatt 180
tttttctctt ctttctaagc ctatttatct tcggacttct gagggggagg gngnggaag 240
cnnnnacccc ccccccttg gtctccatgg ctttttctt acttctggac ggatgggcga 300
acggcggnct tctgtcgccc aggctggant gcagnggcgc catctcggn cactggaagc 360
tccacctccc gggtcacacc attctc 386

<210> 950
<211> 405
<212> DNA
<213> Homo sapiens

<400> 950
attgctccta gtggaaatac aggggttaggt cctatgagcc tttggtcata acattttcat 60
caatggatca atacataacc ttattttatg tgtgtttctg tttaaagata cattatttaa 120
tatatattgt tgattcatta acactgaact cacagtttgt aagtcatacc tgaatgttgt 180
ttatcttaca catattttct ccgtaaggca catcacagcc ttctgtgtct taggaatgct 240
agatcaccc tcaagtctgt tcaagtgttag ctgggaacat atgtgagagg agaggttcaa 300
atTTTTGGGT ggtctgcaca tgtctgcaaa tgacctcaaa agtgctgtat taacttagag 360

gttacaaatc aatTTTgagt agataaatTc tcaaatatga aatcc 405

<210> 951

<211> 381

<212> DNA

<213> Homo sapiens

<400> 951

ctccctatgc	agtctggttt	ctagcgtgac	acgcccttga	cttgaggacc	atgaaccgca	60
gccgccaggt	gacgtgctgt	gcctgggtcc	gctgcggcgt	ggccaaagag	acaccagaca	120
aggtgaggcc	tggtcgctgg	gagacaaggg	gagcagcgtc	tttacggcac	tgggggtccg	180
cccagctggg	ggaacgtgga	cccggaaactc	ggggcggttg	ctggtgcgac	tggctgggggt	240
gagggcggct	ttgcccggat	tgtcgcgact	agagctgcag	ttcagaaggt	ctggttcgcc	300
tgagcctgga	gagtcaaggg	ccgcgccttc	tactgtttcc	caccctcaag	cccaacccca	360
ctcccaaatt	cgcacgcaca	t				381

<210> 952

<211> 346

<212> DNA

<213> Homo sapiens

<400> 952

gcccttttagg	aggatttctt	tttctcact	aaaagcccc	tgaaagatgc	ctcaggggat	60
gcctctgtgc	cctactgccc	actgctgctt	tcctgtttcc	taggaatccc	ctttatgaag	120
taccatcct	ccagaaagat	ttcttaccta	ccttgaaagg	atcttggtt	ctccacaagg	180
gtactccatc	ctctgagcag	gtatttccga	ttctactttt	gaatggtttc	ttttcaaatc	240
ttctcagt	ctttctcttt	ctggctaccc	ctccagccca	ctaccagcct	ttggtgcttc	300
tttaaattgc	tgcttctttg	aacacacata	tccatctctt	cttgct		346

<210> 953

<211> 400

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(400)

<223> n = A,T,C or G

<400> 953

cttgactttg	ggcaaataag	agagcttcaa	agaacagctt	catccttttc	tttgggagag	60
gtggagggtt	gagaagcagg	agcagggaga	tcagaaagac	catgagggtg	cttcttttagc	120
acatcaaagt	gccacatttt	gggatattcg	tttctgagct	cagactttcc	tggacatttc	180
acatgttaac	agatgagcta	gtgactgtgg	agaggaaaat	agagttagta	gctgaatggt	240
aaaagatccc	attaaaccag	tctctcattc	ctgagaatag	gccaacccaa	ctaaacagta	300
gtttctcatt	ttaagagatg	gtattgnaga	tgggctctca	aaattagacc	tctatccatg	360
acacaggcaa	acagatcttt	aataagagat	atTTTTatgg			400

<210> 954

<211> 380

<212> DNA

<213> Homo sapiens

<400> 954

tgacacttaa	gtcagagcat	tctgtagctg	tatttttacag	aactgtaatt	gcacagattg	60
ttcctcttac	aagagaaata	tccagagctc	taagaaaaca	actgatgaaa	acgacatgcy	120
tgacatttgg	tgctgaagac	ccaggtcaga	gagactcctt	tgggggacca	gtccgctgtc	180
cttgccctca	ctctgtgagg	agaccacact	acgacctcgg	gtcctcagac	caaccagctc	240
aaggaacatc	tcaccaattt	caaatcggga	ccccactgga	aatgggactg	tccaactcac	300

ccggcagcca	ctcccagagc	ccctggaact	ctggcccaag	gctctctgac	tgactccttt	360
ccagatcttc	tcgggtcaag					380

<210> 955
 <211> 396
 <212> DNA
 <213> Homo sapiens

<400> 955						
gtccgcgcgc	cgcgacgcca	agaagctggg	gcgctccccg	agcggcctgc	gcatgggtgcc	60
cgaacaccgc	gccttcggaa	gcccgttcgg	cctggaggag	ccgcagtggg	tcccggacaa	120
ggagtgtcgg	agatgtatgc	agtgtgacgc	caagtttgac	tttctcacca	gaaagcacca	180
ctgtcgccgc	tcggggaagt	gcttctgcga	caggtgctgc	agccagaagg	tgccgctgcg	240
gcgcattgtc	tttgtggacc	ccgtgcggca	gtgcgcggag	tgccgcctgg	tgccctcaa	300
ggaggcggag	ttctacgaca	agcagctcaa	agtgtcctg	agcggagcca	ccttcctcgt	360
cacgtttgga	aactcagaga	aacctgaaac	tatgat			396

<210> 956
 <211> 363
 <212> DNA
 <213> Homo sapiens

<400> 956						
caccatgtct	gtgcccctgc	tcaccgatgc	tgccaccgtg	tctggagctg	agcgggaaac	60
ggccgcgggt	atTTTTTTac	atggacttgg	agacacaggg	cacagctggg	ctgacgccct	120
ctccaccatc	cggtccctc	acgtcaagta	catctgtccc	catgcgccta	ggatccctgt	180
gaccctcaac	atgaagatgg	tgatgccctc	ctggtttgac	ctgatggggc	tgagtccaga	240
tgccccagag	gacgaggctg	gcatcaagaa	ggcagcagag	aacatcaagg	ccttgattga	300
gcatgaaatg	aagaacggga	tccttgccaa	tcgaatcgct	tgggaggctt	ttcacagggc	360
ggg						363

<210> 957
 <211> 357
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(357)
 <223> n = A,T,C or G

<400> 957						
tggtcagttt	gtttatttaa	ataagatgtc	taatcctctg	ttataattta	agctataact	60
gttgattgtt	atgttattaa	taattggttt	tcaattgcta	aaatataaga	atatttgaag	120
atgagaggag	aggttaacat	ttttttttac	agagtctcac	tctgtagccc	aggctggagt	180
gtagtgggtg	gatctcggct	cactgcaagc	tccgcctcct	gggttcacgc	cattctccta	240
cctcagcctc	ccaagtagct	gggactacag	gcacctgcca	tcacgcctgg	ctaatttttt	300
gtatttttag	tagagatggg	gtttcaccat	gttagccagg	atggnctcaa	tctcctg	357

<210> 958
 <211> 364
 <212> DNA
 <213> Homo sapiens

<400> 958						
gcaggcccca	acctatccat	ggtttggggc	tgctatctgc	ctcataaagc	aaagtggagg	60
gtttgtcttt	tggaaaaaca	aagtcgtttt	ctcctctgaa	aaagcctcct	acatagttgg	120
ctttgccatt	tgccaagaat	aagagggcac	agattgaggc	ctcttgagta	tgggttttca	180
gttgagggtg	aagagagaag	acagggattg	taaccagaaa	attcagaatg	gaatgcagtt	240

ccctccagaa	ctcctgagct	tcatgacagt	catagaagtg	gattccctttt	agtttccct	300
caccccgcaa	acgtaccgta	ataatgcagg	atacaggtat	taagttccta	ctcaagctat	360
aatc						364

<210> 959
 <211> 355
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(355)
 <223> n = A,T,C or G

<400> 959						
gcgggcggcg	gggtgctggg	ttcccgtctg	ctgcctctcg	gagagtcccg	ggtgactgcc	60
gcaggctcca	tcgccctgtg	gcctgcaggt	attgcgagat	ttataggag	gacgctggga	120
cccccaaaag	ctgggaaatg	ggactattgg	cattcagga	tgtggctcta	gaattctctc	180
cagaggagtg	ggaatgcctg	gacccagctc	agcggagttt	gtataggat	gtgatgttag	240
agaactacag	aaacctgatc	tcccttggtg	aggatagctt	caatatgcaa	ttcctatttc	300
acagtcttgc	tatgtctaaa	ccagaactga	tcatctgtct	ggaggcaang	gaaga	355

<210> 960
 <211> 405
 <212> DNA
 <213> Homo sapiens

<400> 960						
gttaaagtta	gaatagtaat	gttgggaggc	taaattggga	ggatcacctg	agaccaagag	60
ttagagccca	gcctgagcaa	catagtgaga	ccccatctct	acaggaaaat	ttaaaaaat	120
tagctgtgcg	tggtggtgca	cacctttagt	cctagctact	cgaaggctg	aggtaggagg	180
atcacttgag	cccaggagtt	tgaggttgca	gtgaattact	atgattgctc	cactgcatga	240
cagagcatga	ccctgtctct	aaaaaaaaaga	aaagtaaaag	aatagcgatg	ttgaaaatga	300
ggtaatgagg	tgcccttccc	ccccaaaaat	gagtagttgt	tagcttttag	ctgtcatcgt	360
ggtacagcta	ccattttaag	ggaagggtag	ccttccctta	aaact		405

<210> 961
 <211> 386
 <212> DNA
 <213> Homo sapiens

<400> 961						
gctgcatctg	ctggcactgg	gagccacaga	agggttttga	gcagggaaac	gacttactgt	60
gtttttaccg	gggcgggggg	gataccttatg	gcagcagaga	ggggtgtgag	ttctgagcca	120
gtcctttccc	aaggagagag	acccttccct	caggttgagg	ccagtcctag	tcccagaagc	180
ccccaccccc	ccgatgccca	ggacccctct	cctgactgcc	cccatctctc	cgcagggatg	240
tttcatcttc	tcgctcgtea	agtacgtacc	cctgacctac	aacaaaacat	acgtgtaccc	300
caactgggcc	attgggctgg	gctggagcct	ggcctttcct	ccatgctctg	cgttcccttg	360
gtcatcgcat	ccgcctctgc	agactg				386

<210> 962
 <211> 351
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(351)
 <223> n = A,T,C or G

<400> 962
 cttttgccta ggggttgacct gtttccgccca ctgatcagct gaatgaccct gggacaagtc 60
 ccttaaactc tctggatctc attgcatctg taaagtctga gagaatgaca aagtgtcctt 120
 tctagtctctg accctatgcc tcacacctgta ctttctccat aggtgcccaa cgctctggga 180
 gagccccagg tgccctccca gcaggccacc tctgtctgtt tctcaccctt ggtgtccttt 240
 ctctgtcctt tttggtgact ggagcctttg gctttcacct ttggagaaga caggtgagcc 300
 agggacatgg caaccccgcc cccancagc tcccgtcttc atctcagaa g 351

<210> 963
 <211> 348
 <212> DNA
 <213> Homo sapiens

<400> 963
 gccgcggggc cgggcgggctg caatatggcg gaggcggaag gggaaagcct ggagtcctgg 60
 ctcaataaag ccaccaatcc ttccaaccgc caggaggact ggggaatacat aattggcttc 120
 tgtgatcaga tcaacaagga gctggaaggg tgagtctcag cactgtgggg gcagctgaga 180
 gggagcggac tgggaagggg aacaaccatg gccaggagg gccagccagg tagccccagg 240
 cttagtgcac tggagtgtgt tctgcttgtc cccaggcca cagatcgccg tccgactgct 300
 ggcccacaag atccagtcct cacaggaatg ggaggcgctc cacgcctt 348

<210> 964
 <211> 379
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(379)
 <223> n = A,T,C or G

<400> 964
 tccagctcct ctcaacagcc caaccacac cagcctcaga caccaccatg accggtcctt 60
 gctgcggctc caccttgtct ttctgacct acgggggagg tgtgggagga ttttctggac 120
 attacaaagc cacctgttgt ggacctgatg naaacatnan antaanangn cgctnagaat 180
 gttaanagnn tantgctaaa cacatgggag ntgantccan agtacagaca ctatcctgga 240
 gaagaaaana tttntaana atactantag ccagcgnntt nntnatcgca ctntcngccc 300
 tgctatgcaa aangngctga tnetggnagg cttgaacncc gtatgtnaat aagggttaaa 360
 tgacaatctt tnggttttt 379

<210> 965
 <211> 411
 <212> DNA
 <213> Homo sapiens

<400> 965
 ggcacttttg acttctctggg gtccctcttc agttaaaaaa aaaaattaga aaattaggcc 60
 gggcgtgggg gcacatgcct gtgatccacc cacctcagcc tcccaaagtg ctgggattac 120
 aggtgtgagc cactgtgccc ggccttgact accatatctt aaatttactg gaggactttt 180
 ttgttctctt cttttttctt tttttaatag catcccgtc ttatttcaga ataaaaaatt 240
 ttttaaggtat gttgagtaag aatctataga gcaatgaaaa tgcaagagca atagctatgg 300
 gcaccaaattg gtcaatcttc ttatcataat gttgagtggg agaagccagg tccaccagac 360
 acatgctgct cattttattca aagtttggac acaggcaaaa caaatagtt t 411

<210> 966
 <211> 407
 <212> DNA
 <213> Homo sapiens

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<400> 966
accaggatgg ttttttggag taccaagcaa ggggaatgga gcactttaag ggcgccctgtt      60
agtaacatga attggaaatc tgtgtcgagt acctctgac taaacggtaa aacaagctgc      120
ctggagagca gctgtaccta acaatactgt aatgtacatt aacattacag cctctcaatt      180
tcaggcaggt gtaacagttc ctttccacca gatttaatat tttatactt cctgcagggt      240
cttcttaaaa agtaatctat atttttgaac tgatacttgt tttatacata aatttttttt      300
agatgtgata aagctaaact tggccaaagt gtgtgcctga attattagac ctttttatta      360
gtcaacctac gaagactaaa atagaatata ttagttttca agggagt      407

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<210> 967
<211> 403
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(403)
<223> n = A,T,C or G

```

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<400> 967
gttttgttta tttctgcaag attgtgaaaa caaaactttg ggtatttggt tcccattcag      60
gagatctggg agtgacttca tgtatttctt taacagtctt tgatcgtcac ctttcaattt      120
agactctaga gacagggaga ttgatgattt ctcagcaaag aagcttgat ttgagttgaa      180
agttgaaaat gaaggcaagg tcttcattta aactttaaaa tttctacaca tttctttcaa      240
gtattaaatt tttcttttgc agttattcta cctatggaaa tccaggcagc caaggctatg      300
gacaagcatc acaaagctat tctggctatg ggcaaacgac tgattcctct tatggacaga      360
actacagcgg ntactccagt tatggacaaa gttattcaca gtc      403

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<210> 968
<211> 281
<212> DNA
<213> Homo sapiens

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<400> 968
ctgtcttttag ctttgaagca gttttcatgt aatcattgcc acctcttcgc tacatgaact      60
actattgata ccagcataca agtgatatgc actttacaca caagagggtt attgatgtaa      120
aattatcggc tagggaagca gcagcggggc aggtgtggtg gcttaccctt gtaatccag      180
cactttggga ggccaaagca ggacgatcac ttgagcccag gagttcaaca ccagcttggg      240
caacataaga agaccgtgtc tctggaattt tttttttttt t      281

```

```

<210> 969
<211> 398
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(398)
<223> n = A,T,C or G

```

```

<400> 969
gccatcacag tctctctccg aggcctaggc cgccccccagc agcacagacc ccgccgcctc      60
ctacggccga ctctgggttc ccttcagggtg ttgggtgtcg cagggctgtc agggcacatg      120
cctggccggc tgggggtccc acccgcgagg acggctctan acccagtggg gnagggtgtg      180
naggnttnac cnaaacannt ncnctntttc atcaanaatt anttntann cnccttttnc      240
tntatntnnn tcncccnat aattantact nncacnctat tntannatna ctnctnctcc      300
tntnttttat ncttnatgnt gaagcnnnnn ctntnnantc ntattnaatc gctantncta      360
ancacngnan atnnccatcn tttataaaca nncctctat      398

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<210> 970
 <211> 479
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(479)
 <223> n = A,T,C or G

<400> 970
 tttgnactcn ataatacatt ntacttcctc tttttgcagg atcccatcga ttccggttcag 60
 agaggccagg ccctgtgtcc gtggctgccc agggagaaaag ggcagtgtga tctcctgcct 120
 ccccagcctt ctgcagatat catggccatc tccagaaggc taggatcggc accgtttccc 180
 tgcaccttta aagactgttt gggcccggcg tgggtggctca tgcctgtaat ccagcactt 240
 ttggaggcct aggtggggcg atcatgaggt caggagatcg agatcatcct ggctaacacg 300
 gtgaaatcct gtctctacta aaaatacaaa aaattagcca ggcattggtg cacttgcttg 360
 tagtcccagc tactcgggag gctgagacgg gagaatctct tgaacccggg aggtggaggt 420
 tgcggtgggt ggagatcaca ccactgcact ccagcctggg tgacacagta ggaatctgt 479

<210> 971
 <211> 481
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(481)
 <223> n = A,T,C or G

<400> 971
 tttggnactc tanaatacan nctacttgnt ctttttgcag gatcccatcg attcgtttag 60
 atgttccaga gtccctcagag tccatgaaag gactcacagt ggagaaaagc cctatgaatg 120
 taaacaatgt ggtaaagcct tcaaatatc tagtaaccta tgtgagcatg aaagaactca 180
 cactggagtg aaaccttatg gatgtaagga atgtggtaag tcgtttactt cttccagtgc 240
 ccttcgaagc catgaaagga ctcatactgg agaaaaaccc tatgaatgta agaaatgtgg 300
 taaagccttc agttgttcca gttcccttcg aaagcatgaa agagcttata tgtggtaaaa 360
 aacaacaaca acaaaacacc tctgtcaatg taagaagtgt gttaaagctt tcagttattc 420
 tagtttcatt agaacacgtg aaaaaattaa aaactcaaat tagagagaac ccaacacatg 480
 t 481

<210> 972
 <211> 421
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(421)
 <223> n = A,T,C or G

<400> 972
 catggctgtc cactccttgc ctgtccccac agctcttctt gcagactctt ttttcccagag 60
 gatcctgtta agattgtccg ggcccaaggg cagtacatgt acgatgaaca gggggcagaa 120
 tacatcgatt gcatcagcaa tgtggcgcac gttgggcact gccaccctct cgtgggtccaa 180
 gcagcacatg agcagaacca ggtgtcaaac accaacagcc ggtacctgca tgacaacatc 240
 gtggactatg cgcagaggct gtcagagacc ctgccggagc agctctgtgt gttctatttc 300
 ctgaattctg ggtcagaagc caatgacctg gccctgagge tggctcgcca ctacacggga 360
 caccaggacg tgggtggtatt agatcatgcg tatacgggca cctgactncc tgattgacat 420

a

421

<210> 973

<211> 397

<212> DNA

<213> Homo sapiens

<400> 973

aagaattcct	attggaggtg	ttaaatctac	aagcaagaca	tatgttataa	gtcgaactga	60
accagcgatg	gcaactacaa	aagcaattga	tgactcttcc	gcgtctat	ctctggccca	120
gcttacaaag	actgccaatc	tggtgaagc	caatgcttct	gaagaagata	aaattaaagc	180
aatgatgtcg	caatctggcc	atgaatacga	cccaatcaat	tacatgaaga	aacctctagg	240
tccaccacct	ccatcttaca	cgtgtttccg	ttgtggtaaa	cctggacatt	atattaagaa	300
ttgcccaaca	aatggggata	aaaactttga	atctggtcct	aggattaaaa	agagcactgg	360
aattcccaga	agtttcatga	tggaagtga	agatcct			397

<210> 974

<211> 346

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (346)

<223> n = A,T,C or G

<400> 974

gccaccatgc	ctggcccatg	attccacttt	tataacaatat	tttaagtagt	aaactaggaa	60
atagaagtag	aaagatgttt	gcctatggta	agagctgtga	aacctcagtg	gagccagaga	120
tcaaggaggg	ttatttagaa	aaaggaggtc	ctcaccacag	tgccaactc	aaaggcacat	180
agacttggct	acagacaagg	aaacagtgca	gagtttggcc	ttactgaaga	ttatgaaaca	240
gttctgcaac	ctttctcaaa	ctcctatcag	ctacagtcca	caagtgggct	ttccatcaga	300
aatctgcagg	gaaacagnca	gcataatnct	ggngcaggct	gtgatc		346

<210> 975

<211> 341

<212> DNA

<213> Homo sapiens

<400> 975

atcgatgctc	tcctggctcg	cgtaacttca	gtaggatcat	ctgggggaca	gctgctgacc	60
aaccttccag	gaatggagca	gctctcggga	gctagcttgg	agaaaggagc	cttggacacc	120
actgatggtt	acatgggggt	gaatcaagcc	ccagagaaac	tggaacaagc	atgtgagatg	180
atgaaggccc	gtcaccaaga	attgctgtcc	cagcagtaaa	atttcattct	ggccacccag	240
tcagctcagg	ccttcttgga	tcagcatggc	cacaatctca	cacctgagga	gcaacagatg	300
ctgcaacaga	agctgggaga	gctaaaggaa	caatactcta	t		341

<210> 976

<211> 342

<212> DNA

<213> Homo sapiens

<400> 976

atcgatgctc	tcctggattg	ggtaacttca	gtaggatcat	ctggtggaca	gctgctgacc	60
aaccttccag	gaatggagca	gctctcggga	gctagcttgg	agaaaggagc	cttggacacc	120
actgatggtt	acatgggggt	gaatcaagcc	ccagagaaac	tggaacaagc	atgtgagatg	180
atgaaggccc	gtcaccaaga	attgctgtcc	cagcagcaaa	atttcattct	ggccacccag	240
tcagctcagg	ccttcttgga	tcagcatggc	cacaatctca	cacctgagga	gcaacagatg	300
ctgcaacaga	agctgggaga	gctaaaggaa	caatactcta	ct		342

<210> 977
 <211> 479
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(479)
 <223> n = A,T,C or G

<400> 977
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 tttttgcagg atcccatcga ttctgaattca aggcctgtcg agcctctaga cattgcggcc 120
 gctatctacg tagatccaga catgataaga tacattgatg agtttgga aaccacaact 180
 agaatgcagt gaaaaaaatg ctttatttgt gaaatttgtg atgctattgc tttatttgta 240
 accattataa gctgcaataa acaagttaac aacaacaatt gcattcattt tatgtttcag 300
 gttcaggggg aggtgtggga gggttaaaann ancaaccttt nccttttttt ntaaangngn 360
 tccccctatg ngnttttncn atganaannn annaaccttn nggtttnttn tccaaacaag 420
 ntntnccggg naannnnnttt ntatnncnaa ctttnttttn attctccnaa aaaaccct 479

<210> 978
 <211> 401
 <212> DNA
 <213> Homo sapiens

<400> 978
 gcggtgtttg cattccagtt gcgcaatcct gtccacaatg gccatgccct gttgatgcag 60
 gacactcgcc gcaggctcct agagaggggc tacaagcacc cggctcctcct actacaccct 120
 ctgggcgget ggaccaagga tgacgatgtg cctctagact ggcggatgaa gcagcacgcg 180
 gctgtgctcg aggagggggg cctggatccc aagtcaacca ttgttgccat ctttccgtct 240
 cccatgttat atgctggccc cacagaggtc cagtggcact gcaggccccg gatgattgcg 300
 ggtgcccaatt tctacattgt ggggaggacc ctgcaggaat gccccatcct gaaaccaaga 360
 aggatctgta tgaaccact catggggggc aaggcttgag c 401

<210> 979
 <211> 417
 <212> DNA
 <213> Homo sapiens

<400> 979
 gcagaagatt ttttcattta atgtctgggg taaaattgca acttttttga acaaggcttt 60
 ccttaccatt atcatcctat tgattgttct atttctagat gctgtgagag aagtaaggaa 120
 atattcctca gttcatacca ttgagaagag ctccaccagc agacctgatg cctatgaaca 180
 cacacagatg aaacttttta ggtctcaaag aaatctttac atttctggat tttccctatt 240
 tttttggcta gttttgagac gtctggttac gcttattact caactggcaa aagaactgtc 300
 aaacaaaggt gtacttaaaa ctcaagcaga aaatactaac aaggctgcca aaaaatttat 360
 ggaagaaaac gaaaaactaa aaaggatttt gaaaagccat ggtaaagatg aagaatg 417

<210> 980
 <211> 486
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(486)
 <223> n = A,T,C or G

<400> 980

ttgaaacccc	tttgnnatct	tgnnaccctt	taatacaagc	tacttggttct	ttttgcagga	60
tcccatcgat	tccaattcgg	cacgagtaga	ggtaaatggg	gttgacctga	ggaactccag	120
ccacgaagaa	gccatcacag	ccctgaggca	gacccccag	aagggtcggc	tggtggtgta	180
tagagatgaa	gcacactacc	gggatgagga	gaacttgag	attttccctg	tggtatctgca	240
gaagaaagct	ggccggggcc	tgggcctgag	catcgttggg	aaacgaaatg	gaagcggagt	300
gtttatttct	gacatcgtga	aaggcggagc	cgcagacctg	gatgggagat	tgattcaggg	360
agatcagatc	ttatctgtga	atggggagga	catgagaaat	gcctcacagg	agacagtggc	420
caccatcctc	aagtgtgcac	agggacttgt	gcagctagag	attggaagac	tccgagctgg	480
ttcctg						486

<210> 981

<211> 348

<212> DNA

<213> Homo sapiens

<400> 981

ggaggaagtt	cggaagtg	cgaggctgct	tgctggtata	ctgcatcttg	ggaacataga	60
atztatcact	gctggtggg	cacaggtttc	cttcaaaaca	gctttgggca	gatctgcgga	120
gttacttggg	ctggacccaa	cacagctcac	agatgctttg	acccagagat	caatgttcct	180
caggggagaa	gagatcctca	cgcctctcaa	tgttcaacag	gcagtagaca	gcagggactc	240
cctggccatg	gctctgtatg	cgtgctgctt	tgagtgggta	atcaagaaga	tcaacagcag	300
gatcaaaggc	aatgaggact	tcaagtctat	tggcatcctc	gacatctt		348

<210> 982

<211> 339

<212> DNA

<213> Homo sapiens

<400> 982

cggaacaaat	gtggaaactg	actttgtaga	ggtgccatcg	caaatgcttg	aaaattgggt	60
gtgggacgtc	gattccctcc	gaagattgtc	aaaacattat	aaagatggaa	gccctattgc	120
agacgatctg	cttgaaaaac	ttgttgcttc	taggctgggtc	aacacagggtc	ttctgaccct	180
gcgccagatt	gttttgagca	aagttgatca	gtctcttcac	accaacacat	cgctggatgc	240
tgcaagtga	tatgccaaat	actgctcaga	aatattagga	gttgacagta	ctccaggcac	300
aaatatgcc	gctacctttg	gacatttggtc	agggggata			339

<210> 983

<211> 699

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(699)

<223> n = A,T,C or G

<400> 983

ganntcggtta	caagctactt	gttctttttg	caggatccca	tcgattcgaa	ttcggcacga	60
gggtagctgg	gactataggc	acacaccacc	acgcccggct	aattttttat	gttttttgta	120
gagacaggg	tttgccatgt	tgcccaggct	ggtcttgaac	tgctgggttc	aagcgatctg	180
ttctgctcag	cctcccaaag	tcctgtgatt	acagggtgtga	gctaccatgc	ctggccccctt	240
tttacagatt	tgaggatggt	tttatatcac	ctcaatttct	gagaacctca	agctatgaac	300
ttcgtttaag	gtagttccaa	gtttaaggta	gaaccagttc	caggttccta	acccactcc	360
cagatacctg	gcagaatcaa	agatgaatct	ccggaggagg	gcaccttctt	cctaatttttc	420
aagggtcaat	gagcagtaca	gtcagaaata	acaaagcgta	cagggaaaca	aaatgtgatg	480
cgagaaacaa	cagaagcaat	gaatagaata	aaagaaaacc	agactcacia	attcttttgtg	540
tattatgagt	acagagacaa	ataaaaaact	atgcttattg	ngttcataga	aataaaaagta	600
cccttataaa	taccttcacg	gaatgggtaa	caattaaaaa	gtgggttggtc	agatttttaag	660
aagggttaaac	aaaaaaaana	nnnnnnnnna	aaaanctcn			699

<210> 984
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

<400> 984
 nttatcagct cttgttcttt ttgcaggatc ccatcgatcc gaattcggca cgaggccact 60
 gccgtctccg ccgccactgg gccccagag cccagcccc agagcctagg aacctggggc 120
 ccgctcctcc cccctccagg ccatgaggat tctgcagtta atcctgcttg ctctggcaac 180
 agggtttgta gggggagaga ccaggatcat caaggggttc gagtgcgaag ctcactcca 240
 gccctggcag gcagccctgt tgcagaagac gcggctactc tgtggggcga cgctcatcgc 300
 ccccagatgg ctcttgacag cagccactcg cctcaagccc cgctacatag ttcacctggg 360
 gcagcacaac ctccagaagg aggagggctg tgagcagacc cggacagcca ctgagtcctt 420
 cccccacccc ggcttcaaca acagcctccc caacaaagac caccgcaatg acatcatgct 480
 ggtgaagatg gcatcgccag tctccatcac ctgggctgtg cgacccctca ccctctcctc 540
 acgctgtgtc actgctggca ccagctgcct catttccggc tggggcaaca cgttcagccc 600
 ccaattacgc ctgcctnaac cttgcgatgc gccaacatac catcattgac accagaatgt 660
 gagaacgcct acccggaac atcacagaca ccatgggtgtg tgccaacgtg cangaanggg 720
 gcaaggattc tggcaggtga cttcggggcc cttttggttg ta 762

<210> 985
 <211> 695
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(695)
 <223> n = A,T,C or G

<400> 985
 ttcaaataca agctcttggt cttttttgcag gatccctcga ttcgaattcc gttgctgtcg 60
 cccatctgct tgtcgtttta aacctagaaa atagtggcta ttggctgggc atgatagctc 120
 acgcctgtaa tcccacactt cggggggctg aggcaggctc gtacaaaaaa ttcaaaaaaa 180
 ttagctcagt gtggtgggca cacacctgta gtcccagata ctcgggaggc tgaagtggga 240
 caatcacctg agcctggcag tcaagctaca gtgaggcacg attgaacctc tgctctccan 300
 cttgggtgac agagtaagac tctgtctcan aaaaaaaaaa acaaaaaaca gtggctatta 360
 atcttccctc cagttcctcc cctcctnctn cccttcccgg ggctagaaag ccgaagctga 420
 gattcaatcc canangccag ctggatttgg gagacctcaa atgccangtc aggcataagt 480
 tgcactctac ccacatcacc aagtgtcccc aggaaagcag aagtgtgtcc tcttnccttt 540
 tcaggtctca cttctgctga catgggctan ggctgaanag ttccaatggg aaggctcacag 600
 cccgtnccaa ggaaaaanana aatgggaaca ngcattgggg agaccaactg tntgtacca 660
 tctcctnttt gtcttggnag aaggtcctct ttctg 695

<210> 986
 <211> 640
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(640)
 <223> n = A,T,C or G

```

<400> 986
ttgaactata ganacaagct acttgttctt tttgcaggat cccatcgatt cgaattccgt      60
tgctgtcgnc aacagccaca ggcagactga ggtggcaata ggaaatctgc cgagatgttc      120
agtcagggtgc ccaggacccc agcctcaggc tgctactacc taaattccat gacacctgag      180
ggccaggaga tgtacttgcg atttgatcag actacaagac gctctcctta caggatgagc      240
cggattctag cacgccatca gctagtgact aaaattcaac aagggtgagt gccggcagtg      300
gaaggctggt gctcattctg atttctgttg gctctatttc atgctaaccc antttttttt      360
gtttgtttgt ttccacttta taacatatgg atttctatgc cacactaccc gtaactttga      420
aaaataactt tangctgcag ttttcagcaa acaggacagt ccttagctgc cacatagctc      480
aacataaagt gcacaaaaaa cttcacggtg ggacagtgaa tcataaatnc ccaaactgac      540
gtgtgtctac agaacagatg agaactgtta ctcagtgtgt atcttaagag cttttctgca      600
gtttcctcac actccgtcac atttaaaatg tggcacttgt      640

```

<210> 987

<211> 669

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(669)

<223> n = A,T,C or G

```

<400> 987
ttnttcgnta caactctngt gnttntgcag gatcccatcg attccaangn tncngatgtc      60
gnnagaacgt ccctccttcc cttttgctcc tgtcccgcac cttctacctg atagatgtga      120
agcccaagcc gattgagata ccactcagtg gggaggctcc aaagactgat attcttgtgg      180
aattacctac ttctactgaa tctaaagaga acatgggtgga tcttgcacct caactgaagg      240
gaactaagga tgaagacttt atacagccgc caccagttac atcatcacc ataacaccat      300
caacacctat ttcattacct aaaggaccca tcacttcttc tgaagaacct acactccagg      360
ccaaatcaca aatgacggcc cagaacagca aggctagttc aaaaggagca taaaggacta      420
cttgaggatg gagctcactc tcttcaactt tcnggcctca acagtggcat ctgtaaagga      480
cctccagata aactgttggc ttcaaaaacg gatcactgtt agccgtgggc agnctttgag      540
gctggtacca ttccagtgat gtggtaggag accagtcaac ccttaaaaaa atattgcaag      600
ccattcttga catgccctta cttgatagca ccataaaaa aaaaaactct ggcgtttctn      660
acnctaaan

```

<210> 988

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

```

<400> 988
ttattgnatc aactcttggt ctttttgcag gatcccatcg attcgaattg gcacgaggcg      60
gtctccacgc gagccaccgg tcctgaaagc gcggagcatg ctttgtttgc ggaaacgaaa      120
gcgaatactt ctttccaagg agacttagga aagggcagac gctccactg cctcagggtg      180
tccctggagg accttcaagt ggccgcctg tggggcgcta gcgtcccgct gctgcgtgg      240
ttccggagcc cttcccttgc ctctcccagg gtcttctccc cagcgtcgga ggaagcccg      300
cgtctgcnan tggagtgcgg gtggtgggaa tccttgggag gattacgaaa tccttaaagt      360
gggatttacc aaacgcattc ctttccgctc acttccgttc ccgcttaaca aacgtgtttg      420
gaaacgtggt gctactgaaa ggaaantggc gctgggcttg cttttctgt ggctagtctg      480
cgagaaacag ccctggaata gggcctctat tcttcccttg agcatnccct cccgggacct      540
gggaattgaa actctaggtt aagcacttga ancaggccca agactgggtc tctgaaatca      600
tggggctcta ccctgagtta actaagtttt caaaaatggt actaggctaa agacttgtgc      660

```

ttcaaatggt	tanaaganag	ttgggaaaag	gcttttntaa	aggtaatttt	attggaaatg	720
ggatgttggt	accgattcgg	cgtnttntt				749

<210> 989
 <211> 839
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(839)
 <223> n = A,T,C or G

<400> 989						
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ttntggccct	gcaaggctgt	gggctccgac	ctcaccggga	gtcgacagcg	agaggttnnn	120
cgaagagcga	ggttctgggc	gagcgtgaa	cgccggcccc	aagcaccctg	ggctctttaca	180
cagtccgcgt	ccacagactc	tgacgaagac	gtggatctgc	tctcgcttta	gctgctcgcg	240
gtcctccaga	tcatgtccgc	gactcctgcg	actccgcgcg	gaaaaaaaaa	tttgccaggc	300
gtggactcaa	tgacctttcc	aagctgtgcg	cctcgcgtgc	tggaccgggt	ctgagcgcgg	360
ctgcccagggt	tgaccttttc	tgcggaaggg	ctttctctac	gtgctgttgc	tcatgggttt	420
ttgtcggagc	cccaacgccc	ttccggnctt	ttgattcctg	gaaanaaaag	gggttggttc	480
cccttcaagc	anccccaanc	attccccggg	aaaaaatggg	ggagccaaag	ggnttttggc	540
caanggcccc	aatncccggn	ttcaaccctg	tgggttggn	antttnacn	aaattaactt	600
cctttcctnc	aaggccccng	gaaaaaacnt	tttcccgggc	cacngggggg	gaaccaacct	660
tgcaangggg	ccttgtaccn	ggtcttcaaa	cggcgggtnc	caanaaccct	tgcncctatn	720
gaaacnnt	nggaacnct	ngggggttnt	tccccaatng	gngcncnaa	aaaacaaccc	780
cggttccaac	catttaaggg	aaaannggcg	ggggggcccc	aagggccctt	ttnggacnt	839

<210> 990
 <211> 668
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(668)
 <223> n = A,T,C or G

<400> 990						
tatacatcaa	ctacttggtc	tttttgagg	atcccatcga	ttcgaattcg	gcacgaggtc	60
cgttggacct	tctctgactt	cagggtgagt	cgtgaggtag	gnagaggccc	gggttttagcg	120
atgagaccag	tatgaaacgg	agggccacgg	gagggcccca	ggggagcagg	cgacnctcag	180
ctatgggtta	ccttctcttt	gggaccgatg	ggtgctgggg	aggatcccc	atttgcnttt	240
tagccgcacc	ccctgagccg	tctnctgtcg	accctgggat	cctccagatc	ccagattctt	300
angaaggacc	ttggagatca	gctggaccag	cccctgactt	gcctgggttc	ggaagcggaa	360
acccaacggg	gcccttagct	gtcaaggatg	ctgngggaag	agtggagcct	ctaaccgcag	420
acgctagacc	caatttggtg	cccatnggag	gagtgggant	ggtanatgca	ncaagaccac	480
tcttttcttg	gccaccattt	tctctacca	tttttactgc	agtgaactnc	tctcagggtg	540
gggggctggg	cagaagcaac	ttccgctttt	nataactctc	acaaggtnct	ttgtcggaag	600
gtgtgccttg	ncttctaccc	cacnggggtg	gggagtgcga	cncccaaggg	gntttttttt	660
tttttttt						668

<210> 991
 <211> 728
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(728)
 <223> n = A,T,C or G

```
<400> 991
ggnttnnnnn nttttgnnt nnatatanat cagctacttg ttctttttgc aggatcccat      60
cgattcgaat tcggcacgag cttaaaagaa aatgctatct gggagctcca acctgcaatt      120
aacctacaga aggaaccttt tgagaggctg gtgcagcgct tcggggaggc agattaagaa      180
ctgacctaga aacagaagtg aagtttgaag tctgctctct gcaaagaggg tgggagtggg      240
tggagaagag gcttggttta aaagccaaaa acagaaagta aaaagaaatg ggaaagtaaa      300
accaaagcag caagtgactc tcttctgatg tgcacttttc atttttctcc cccacatttc      360
agtgttagaa agaaaacgag aggagctagg gaaagaagga gttggggaca gaagactaag      420
atttcaacgt gaaattccat ttacaaaggc tttactgcaa acaatagcta atttagtcct      480
gtaaaccatgc atttatcata cattttaatt ttaatatata aaatactgca tgtaaattgtt      540
ctgaactaaa ggtagatagc aatatgtagt ttgccataaa atgaatgcat gtcttattct      600
tttccatagt tcttcattaa tgagacttgt agtcaagaat agattgaaga taccattctc      660
cttggttagt tcaaaaaaat ctntctctgg aatactgaaa caactaattt ttcttatttg      720
gttggtcc                                     728
```

<210> 992
 <211> 718
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(718)
 <223> n = A,T,C or G

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<400> 992
gancannaaa cnettnaacc ncccngctac ttgnncttnn tgcaggatcc catcgattcg      60
aattcggcac gaggccgcct ccgcgcnntt ttttgagggc tningcaagg aacttcgcca      120
cntccagatn cttcggggcca ttgggaangg cagctntggc aagggtgtgca ttgngcagaa      180
gcgggacacg gagaagatgt acgccatgaa gnacatgaac aagcagcagt gcacgcagcg      240
cgacgaggnc cgcaacgtct tccgggagct ggagatcctg cangagatcg agcacgtntt      300
cctggtgaac ctctggtact ccttcaggac gaggaggaca tgttcatggt cgtggacctg      360
ctactgggcg gggacctgcg ctaccacctg cagcagaacg tgcagntctc cgaggacaca      420
gngaggctgn acatctgcga gatggcactg gctctggact acctgcgcgg ccagcacatc      480
atncacagag atgtcaagcc ngacaacatt ctctggatg agagaggaca tgacacactg      540
accgacttca acattgccac catcatcaan gacggggagc gggcgacggc attaacaggc      600
accaagccgt acatggctcc ngagatcttc cactcttttg gcaacggngg gaccgntac      660
tacatcgagg tggactgntg gtanggtggg ggtgatggcc tatganctgt tgcganga      718
```

<210> 993
 <211> 787
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(787)
 <223> n = A,T,C or G

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<400> 993
tantnancce ncgntcgant ccgtgctgtc gggtataacta ggaattcttt ataaacttaa      60
taaataaaaag ctttttctct tataggcccc attctctagt ggacttcttg tgaaattatg      120
tggctacctt ccattaatgt taatggagggt tatggatata aatccctcca tagtgatgga      180
agaatgagcc ccagagagaa gaatgtttct aatgaatcac tggattgtga tataggatta      240
acttgggtgtc cctaatacca ttttttttcc tcttgaaagt ttaaggctct atgttttagga      300
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actagtttct	ctccacctta	atccttttatt	gtcaagtctg	caataatggt	aagaacagga	360
aaaaaaaaat	gtagattcct	ggataggcac	agttttttata	ttaatgtaac	tatataggca	420
tagtttttat	attaatgtaa	ctatacagca	cctatttttg	tgttttacta	ttacttggca	480
gacatcttga	gtgttttaca	aggttatcgt	atatttcact	aataatcggt	gcttgataat	540
ttggngcctg	acagactgca	gtttattatt	tagtattaaa	gctcctcagg	aggttgagac	600
aggagaatca	cttgaacctg	ggaggtggag	gttgcantga	gctgangccc	gcaccactgg	660
actccaacct	gggcaacaga	agtgagactc	tgtctcaaag	gaccnnnnnn	naaananaaa	720
nnttcctggg	gccgtttttc	cntaaaccca	acttgaaana	acccttggtg	agtttggcca	780
anccct						787

<210> 994

<211> 699

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(699)

<223> n = A,T,C or G

<400> 994

ganntcggtta	caagctactt	gttctttttg	caggatccca	tcgattcgaa	ttcggcacga	60
gggtagctgg	gactataggc	acacaccacc	acgcccggct	aattttttat	gttttttgta	120
gagacagggg	tttgccatgt	tgcccaggct	ggctctgaac	tgctgggttc	aagcgatctg	180
ttctgctcag	cctcccaaag	tcctgtgatt	acagggtgtga	gctaccatgc	ctggccccctt	240
tttacagatt	tgaggatggt	tttatatcac	ctcaatttct	gagaacctca	agctatgaac	300
ttcgtttaag	gtagttccaa	gtttaaggta	gaaccagttc	caggttccta	acccactcc	360
cagataacctg	gcagaatcaa	agatgaatct	ccggaggagg	gcaccttctt	cctaatttttc	420
aagggtcaat	gagcagtaca	gtcagaaata	acaaagcgta	cagggaaaca	aaatgtgatg	480
cgagaaacaa	cagaagcaat	gaatagaata	aaagaaaacc	agactcacia	attcttttgtg	540
tattatgagt	acagagacaa	ataaaaaacc	atgcttattg	ngttcataga	aataaaaagta	600
cccttataaa	taccttcattg	gaatggggtta	caattaaaaa	gtggccttggc	agattttaag	660
aagggttaaac	aaaaaaanaa	nnnnnnnnna	aaaanctcn			699

<210> 995

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 995

nttatcagct	cttgttcttt	ttgcaggatc	ccatcgattc	gaattcggca	cgaggccact	60
gccgtctccg	ccgccactgg	gccccagag	ccccagcccc	agagcctagg	aacctggggc	120
ccgctcctcc	ccctccagg	ccatgaggat	tctgcagtta	atcctgcttg	ctctggcaac	180
agggcttgta	gggggagaga	ccaggatcat	caagggggtc	gagtgcagac	ctcactccca	240
gccctggcag	gcagccctgt	tcgagaagac	gcggctactc	tgtggggcga	cgctcatcgc	300
ccccagatgg	ctcctgacag	cagcccactg	cctcaagccc	cgctacatag	ttcacctggg	360
gcagcacaac	ctccagaagg	aggagggctg	tgagcagacc	cggacagcca	ctgagtcctt	420
ccccaccccc	ggcttcaaca	acagcctccc	caacaaagac	caccgcaatg	acatcatgct	480
gggtgaagatg	gcatcgccag	tctccatcac	ctgggctgtg	cgacccctca	ccctctcctc	540
acgctgtgtc	actgctggca	ccagctgcct	catttcgggc	tggggcaaca	cgttcagccc	600
ccaattacgc	ctgcctnaac	cttgcgatgc	gccaacatac	catcattgac	accagaatgt	660
gagaacgcct	acccggcaac	atcacagaca	ccatggtgtg	tgccaacgtg	cangaanggg	720
gcaaggattc	tggcaggtga	cttcggggcc	cttttgggtg	ta		762

<210> 996
 <211> 668
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(668)
 <223> n = A,T,C or G

```
<400> 996
tatacatcaa ctacttggtc tttttgcagg atcccatcga ttcgaattcg gcacgaggtc      60
cgttggacct tctctgactt cagggtgagt cgtgaggtag gnagaggccc gggtttagcg      120
atgagaccag tatgaaacgg agggccacgg gagggcccga ggggagcagg cgacnctcag      180
ctatgggtta ccttctcttt gggaccgatg ggtgctgggg aggatcccc atttgcnttt      240
tagccgcacc ccctgagccg tctnctgttc accctgggat cctccagatc ccagattctt      300
angaaggacc ttggagatca gctggaccag cccctgactt gcctggtttc ggaagcggaa      360
acccaacggg gcccttagct gtcaaggatg ctgnnggaag agtggagcct ctaacccgag      420
acgctagacc caatttggtg cccatnngag gagtgggant ggtanatgca ncaagaccac      480
tcctttcttg gccaccatt tctctcacca tttttactgc agtgaactnc tctcaggggtg      540
gggggctggg cagaagcaac ttccgctttt nataactctc acaaggtnc tttgtcggaa      600
gtgtgccttg ncttctaccc cacgnggggtg gggagtgcga cncccaaggg gntttttttt      660
tttttttt
```

<210> 997
 <211> 720
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(720)
 <223> n = A,T,C or G

```
<400> 997
atcgcttgaa tccgggaggc ggaggttgca gtgggcccag ttagcaccat tgcactccag      60
cctgggcgac agagtgaac tccgtctcaa aaaataataa atgaagtaac aatgggtgaag      120
tttgaagtaa ctcaggtgaa gtaacaccta agtggaaatt ccatactcca ctcagtaaac      180
catgcccggc cccctcctaa tggttttata tgtcacactg gtgctccatg caatggacaa      240
aggagacgtt tcctgtagga ccagcatctc tttactcagg tttttcaatc ttggaactgc      300
tgacattttg ggccaagtaa ttctttgttg cagggactgt cctgtgcatt tcaggatggt      360
taacagmatc tttgtcctct acccattagt tgcttagtca gaataatcag aaaagtcccc      420
agacattgcc aaatgcccc tggagttgcc tggttgcctg ggttgagnat cactatgctt      480
aaagaaaggg gctcttggtt gtaaatecca gcacttttgg gaaggccgan gccggaagga      540
ttcacgaagg tcaggagatt cgagancatc ctgggttaaca cagtgaacc ccatctctac      600
ttaaataatncc aaaatttagc tgggcatggg gggcaagcgt ctgtagtccc agctactcgg      660
gaagcttaag caagagaatg tgcataaacc ccgggaggtg gaactttcag tgagccnaga      720
```

<210> 998
 <211> 690
 <212> DNA
 <213> Homo sapiens

```
<400> 998
tgcagctgtg cgtgaacggc tgccccctga gtgaacgcat cgatgacggg cagggccagg      60
tgtctgccat cctgggacac agcctgcctc gcacctcctt ggtgcaggcc tggcctggct      120
acacactgga gactgccaac actcaatgcc atgagaagat gccagtgaag gacatctatt      180
tccagtcctg tgtcttcgac ctgctcacca ctgggtgatgc caactttact gccgcagccc      240
acagtgcctt ggaggatgtg gaggccctgc acccaaggaa ggaacgctgg cacattttcc      300
```

ccagcagtgg	caatgggact	ccccgtggag	gcagtgattt	gtctgtcagt	ctaggactca	360
cctgcttgat	ccttatcgtg	tttttgtagg	ggttgtcttt	tgttttgggt	tttwattttt	420
tgtctataac	aaaattttta	aatatatatt	gtcataatat	attgagtaaa	agagtatata	480
tgtatatacc	atgtatatga	caggatgttt	gtcctgggac	acccaccaga	ttgtacatac	540
tgtgtttggc	tgttttcaca	tatgttggat	gtagtgttct	ttgattgtat	caattttggt	600
ttgcagttct	gtgaaatggt	ttataatgtc	cctgccagg	gacctgttag	aaagcacttt	660
attttttata	tattaaatat	ttatgtgtgt				690

<210> 999

<211> 1042

<212> DNA

<213> Homo sapiens

<400> 999

catttttcatt	atcagaacaa	caattagatg	cccgcgtcg	gggattggaa	gaatatctag	60
aaaaagtgtg	ttcaatacga	gtaattgggt	agagtgcacat	catgcaggaa	ttcctatcag	120
aatccgatga	gaactacaat	ggtgtgtccg	acgtagagct	gagagtagca	ttaccagatg	180
gaacaacggg	tacagtcagg	gttaaaaaga	acagtactac	agaccaagta	tatcaggcta	240
tcgcagcaaa	ggttggcatg	gacagtacga	cagtgaatta	ctttgcctta	tttgaagtga	300
tcagtcactc	ctttgtacgt	aaattggcac	ctaattgagtt	tcctcacaaa	ctctacattc	360
agaattatac	atcarctgtg	ccaggcacct	gcttgaccat	tcgaaagtgg	ctttttacaa	420
cagaagaaga	aattctctta	aatgacaatg	accttgctgt	tacctacttc	tttcatcagg	480
cagtcgatga	tgtgaagaaa	ggttacatca	aagcagaaga	aaagtcctat	caattacaga	540
agctatacga	acaaagaaaa	atggtcattg	acctcaacat	gctaaggact	tgtgagggct	600
acaatgaaat	catctttccc	cactgtgcct	gtgactccag	gaggaagggg	cacgttatca	660
cagccatcag	catcacgcac	tttaaaactkc	atgcctgcac	tgaagaagga	cagctggaga	720
accaggtaat	tgcatttgaa	tgggatgaga	tgcagcgatg	ggacacagat	gaagaagggg	780
tggccttctg	tttcgaatat	gcacgaggag	agaagaagcc	ccgatggggt	aaaatcttca	840
cgccatattt	caattacatg	catgagtgtc	tcgagagggt	gttctgcgag	ctcaagtggg	900
gaaaagagaa	cattttccag	atggcgagggt	cacagcagag	agatgtggcc	acctagcctt	960
tccttatccc	cttcccttcc	cttcaccccc	atcctcttac	tcctttcatg	tcccatttca	1020
gacagagtaa	ccattaacaa	aa				1042

<210> 1000

<211> 382

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(382)

<223> n = A,T,C or G

<400> 1000

gggaggtcct	ccatgcgcag	tcattgagtcg	cttcaagttt	atcgatattg	gtatcaactt	60
gactgaccct	atgttcagag	gaattttatag	gggggttcaa	aagcatcaag	tttatgatta	120
cagggtggaaa	tctacaagac	agtaaagatg	cactgcattt	ggcacaacaa	aatgggtatcc	180
tcataatttct	tttaccaaaa	aaaaaatgaa	ttaagtaatt	ttgaagaagt	ctttctgaaa	240
actgcttcag	gtatgttttt	cagtacagtt	ggatgtcatc	ctacaagatg	tggtgaattt	300
gaaaagaata	accctgatct	ttactttaaag	gagttgctaa	atcttgctga	aaacaataaa	360
gggaaagttg	nggcaatagg	aa				382

<210> 1001

<211> 409

<212> DNA

<213> Homo sapiens

<400> 1001

ccggactggg	aagatggacg	cagctactct	gacctacgac	actctccggt	ttgctgagtt	60
------------	------------	------------	------------	------------	------------	----

tgaagat	cttgagac	cagagccc	gttgata	ggtagaaa	acagcatt	120
tttt	ct	gt	ct	ct	ct	
cacagaaa	gacgagat	tgtctgat	ggcatctag	ctttggtt	catacagg	180
aaactttcca	gccattggg	ggacaggccc	cacctcgg	acaggctgg	gctgcatg	240
gcggtgtgga	catgatct	ttgccc	agc	ggcacc	ccgagatt	300
agggtgacac	aaaggaag	gcagccag	agctactt	gcgtcctca	cgcattcat	360
gacaggaagg	acagttact	ctccattc	cagatagcg	aaatggg		409

<210> 1002
 <211> 441
 <212> DNA
 <213> Homo sapiens

<400> 1002						
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taatgtactg	tcttttttaga	gtaagttact	aagctggtta	ctaaatcagg	aatatttttag	120
ttataaaact	ttagat	aagaatattg	gcsaggcacg	gtggctcaca	cctgtaatcc	180
cagcacgttg	ggaggccaag	gcgggtggat	cacctgagat	cgggagttca	agaccagcct	240
ggcyaacatg	gtgaaacccy	gtctctacaa	awgaaaaaaa	tacaaaaatt	agcygggtgt	300
kgtggygyat	gcstgtaatc	ccarytaytt	gggwggtga	rrcasgagaa	tygcttgarc	360
ytggargggc	gaggttgcmg	tgagcyraga	tckygccayt	gcactccagc	ctaggcaaca	420
agagcaaac	tccatctcaa	a				441

<210> 1003
 <211> 422
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(422)
 <223> n = A,T,C or G

<400> 1003						
gcatgttcgc	aatgtatgag	gaaggtgggg	ctctggggct	tccagcagat	tgaatcgctc	60
atgactgacc	tggatgcatc	ctttggcctg	accagctccc	caatcccagg	ccttgagggg	120
cgaccagagc	gcttacctct	ggtgcctgaa	tctcctcgga	ggatgatgac	ccggagccag	180
gatgccactt	tctccccagg	ctcagagcag	gctgaaaaga	gccctgggtcc	cattgtctct	240
cgaactcgga	gctgggactc	ttccagtcct	gttgaccatc	ctgagccaga	ggctgctagc	300
cccaccacca	gaactcgccc	agtgaccgga	agcatgggaa	caggagacac	ccctggcctg	360
gaggtaccat	ctagccctct	gcggaaagcc	aagcgagcng	cctctgttct	tcacaattcg	420
ga						422

<210> 1004
 <211> 805
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(805)
 <223> n = A,T,C or G

<400> 1004						
aattcggcac	gaggaagtac	tgtggctgta	tacagaacct	gtatgctgg	tgttcttttg	60
cgggtccaga	taaacataat	tgggtggatat	atctacctgg	ataatgcagc	agttggcaaa	120
aatggcacta	caattcttgc	tccccagat	gtccaacagc	agtatttatc	aagtattcag	180
cacctacttg	gagatggcct	gacagaattg	atcactgtca	ttaaacaagc	tgtgcagaag	240
gttttaggaa	gtgtttctct	taaacattct	ttgtcccttt	tggacttgga	gcaaaaacta	300
aaagaaatca	gaaatctcgt	tgagcagcat	aagtcttctt	cttggattaa	taaagatgga	360

tccaaacctt	tattatgcc	ttatatgatg	ccagatgaag	aaactccatt	agcagtgcag	420
gcctgtggac	tttctcctcg	agacattacc	actattaaac	ttctcaatga	aactagagac	480
atggttgaaa	gcccagattt	tagtacagtt	ttgaatacct	gtttaaaccg	aggttttagt	540
agacttctag	acaatatggc	tgagttcttt	cgacctactg	aacaggacct	gcaacatggt	600
aactctatga	atagtctttc	cagtgtcagc	ctgcctttag	ctaagataat	tccaatagta	660
aacggacaga	tccattcagt	ttgcagtgaa	acacctagtc	attttgtttc	aggatctggt	720
ggacatggga	gcaagtgaag	gganttgctg	ctaattgtga	tggaggcttt	taggtacccc	780
tcaggcaatc	gggagaattg	gnttt				805

<210> 1005
 <211> 423
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(423)
 <223> n = A,T,C or G

<400> 1005						
ctcctctgtc	cagaggtctt	caacaggaag	atgccagctg	gcaccactgc	actgtgatgg	60
gggccctctc	ctctgctgac	tctgccgttt	ctccaggcct	ccgctcagtg	atgagaccaa	120
gagatcggag	acaagcatgg	tgctgctgct	tctgctgctt	ctccagaaaa	tccctgggac	180
acctttgttc	cagcctgggt	tcctgggctg	ggctcaggaa	agctgccaaa	ttcagtccta	240
tggtgggtcc	aagctgcccc	tgtgctgttt	ctgtcaagcc	aggtgtggac	attccaagtt	300
catatgcgtg	aacaaaagaa	aagaggaacc	cagtggatgt	aacagaaccg	actccagttg	360
aatgtttaga	tttttgctaa	actgttttct	ttttcccttt	ttngctgtng	tttgcattca	420
cgg						423

<210> 1006
 <211> 813
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(813)
 <223> n = A,T,C or G

<400> 1006						
accctttgac	tttctgcagg	aaccatcga	ttcgttggtc	agttcagtc	ctatgaatgt	60
ctcttctaca	ggaggctacc	ctgcccctgc	taccctggga	gaagcctcag	ctttctgggc	120
agagtttgtc	tccctgtcat	ttatactctc	aggctttata	catttacasa	gtaagttctc	180
cctcctggag	gkttaaaagg	aataatttca	acaggggtgaa	ggcctggcac	ggtggctcac	240
aactgtaatc	caaggacttt	rggaggctga	ggtgggtgga	tcacctgagg	tcaggaattw	300
gagaccagcc	tggccaactt	ggtgaaaccc	tgtctctact	aaaaacaaaa	attagccagg	360
tgaggtggca	cacacctata	gccccagcta	ctgggggagg	ctgaggcagg	agaattgctt	420
gaacctggga	ggcagaggtt	acagtgaagt	gagatggcac	cactgcactc	cagcctaggt	480
gacaaagcag	caagacgcag	nctccaaaac	anaacaacaa	caacaaaaaa	naaccgggaa	540
aacaggtaca	gacaatagct	gcctggagtt	gtacagaaac	ttgattgggt	aacctgggga	600
cctttccagg	ctgtggccag	cagttgaccc	tgccctgcctt	tcctccattg	ttttcccatg	660
tctgaccttc	cctgtttgca	aagcagtggt	cctacttaca	ngggctctctc	tggaagggag	720
caaggaggct	cagtggcccc	attcagcaat	ttcgaagtcc	cctttaattg	ttttgtgctt	780
ccaacctgtt	ttgttccccg	ttcagatttc	tcc			813

<210> 1007
 <211> 844
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(844)
 <223> n = A,T,C or G

<400> 1007
 gctctgcggc gccgcgggtcc cggcaccccc ggccctgtgg ctccggccatc gtattcctcc 60
 tttactcagg gggacagctg ggggtgaaggc gaagtcgacg aggaggaggg atgcgaccaa 120
 gtggcccgcg acctgcgggc ggagttctcg gctggggcgt ggtcagagcc cagaaagcgc 180
 tcggtgctcc cgccggacgg gaacgggtcg cccgttctgc ccgataagcg caatgggtatc 240
 tttcccgcgg ccgcggggcag cagagcccag cctcggcggt ggccgggtcca ggtcctctct 300
 attctctgct cgctgctctt cgccattctt ctgcctctcc tctctgccat cgcctacttg 360
 atcgttaaag agttgcatgc tkagaawttg aaaaatgaag atgatgtaga cactggacta 420
 ttaggattct ggactctact tataatatcc ctaactgctg gattctcctg ttgcagcttt 480
 tcttgacag tgacttactt tgattctttt gaaccaggaa tgtttcctcc tactcctctt 540
 tcacctgcca ggttcaagaa actgactgga cattctttcc acatgggcta tagcatggcg 600
 attttgaatg gcatcgtagc tgctcttact gtagcatggt gcctcatgta aaccacact 660
 ggagcgatat tgttgcaaaa acttaatcat gattgttttg taataacmag aaggagcatc 720
 actgtcttac tcaggaagga ctgaggaaac ctggctkgtt cattatgtag tttcaggata 780
 ttttatccac caatccatcc ctccatttat ggggnaggac cnttttttaa aggn cattgt 840
 tttt 844

<210> 1008
 <211> 401
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(401)
 <223> n = A,T,C or G

<400> 1008
 gggagccaag gcctgccagg gagaggctct tggagtggcc cgaccgggaa ctggatcggg 60
 tcaacagctt cctgagcagc cgtctgcagg agatcaaaaa cactgtcaaa gactccatcc 120
 gtgccagctt cagtgtgtgt gagctcagca tggacagcaa tggcttctct aaggaggggg 180
 ctgctgagcc tgagcctcag agtctacccc cctcaaacct cagtggctcc tcagagcagc 240
 agcctgacat caaccttgac ctgtccccct tgactttggg ctccccctcag aaccacacgt 300
 tacaagctcc aggcgagcca gccccaccat gggcagaaat gagaggcccn nnccnccat 360
 ngnccgaggt gaggggggccc ctccggtatc gccccgagaa c 401

<210> 1009
 <211> 576
 <212> DNA
 <213> Homo sapiens

<400> 1009
 gaccgcgggg tggttgggtc tagctattgc catggtacgt ttttatatgg aaaaaggaac 60
 acacagaggt ttatataaaa gtattcagaa gaccttaaa tttttccaga catttgctt 120
 gcttgagata gttcactggt taattggaat tgtacctact tctgtgattg tgactgggg 180
 ccaagtgagt tcaagaatct ttatgggtgt gctcattact cacagtataa aaccaatcca 240
 gaatgaagag agtgtgggtc tttttctggt cgcgtggact gtgacagaga tctctcgcta 300
 ttctttctac acattcagcc ttcttgacca cttgccatac ttcattaaat gggccagrtg 360
 gcgatawytt gcaktttak ywtctcywtrt cctgtgcatg ctkakttkst ggtgtaacky 420
 cwksaatta aaatwcgctg tttcagcccc acgatgccag aatgctgtta taggaggtat 480
 aactgggtata actaataatt atacaagtta tgatttgtat tctaaaagct taatgatgag 540
 agaggaatcg tattaataaa tattttgagt gaaatc 576

<210> 1010

<211> 429
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(429)
 <223> n = A,T,C or G

<400> 1010
 aattcggcac gagatcttgt tgagcttgta aaatgccagc aattttaaac taggactttt 60
 ccccccataa gccaaaggagg tagaattact aatacaaggg tttaaagaagg tagattttgt 120
 tttcaatatt tgggtaatat tagaaagatt cttcccacag ggaagaacta gcaagtgtcc 180
 caattttttc caaacgttgg ggaggggaaa attcactgta tcatgaaacc ctaagggttt 240
 gttgcacttc ctgcttttta ggccctggata acagtatcac catccttatt tacagaaggg 300
 taaaactgac tcttaatgag aaaagcttta taagttcaag ggctgtaaaa tatgaactac 360
 ttaaggtcgt ttgccttcca tgggaacttg gctagactta naaaaagctg ttgttngnct 420
 aatgtaaaa 429

<210> 1011
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 1011
 acgctctcgg gagcagttct gttaatccct gctgggagca gagactgcga aaagctgagt 60
 ccgccgatcg tgcccgggac aaggctgcct tccactcgcc gcactctacct ggtaggcgcc 120
 atgcgcacgg gcttagaggc ttgagagcct ctggaagaga aagggtccca ggaaggaaac 180
 ctgcccccg cctaagtgtc ggcgcccaga tcaccacgaa ccccgcacct aggcgcgcgc 240
 caccaagttc caaagaagtc cgaggcgacc tgggagtcgg tcggatccca gccgagaaaa 300
 gaaacaagca ggatagcaat tcttakggga gccaccctgg gagttttagg cagcgtttgc 360
 ctttccctgg ttttcttcac caagcccat cctcccccg cataccacc ccagtcaaaa 420
 gagtgggaga aaatgcacag ttcgaagtcg gtgagagcaa aaatgggtct agtaaatcaa 480
 cccgtggtgg tagctaaaag gtttggggct gcaaagaaac aaactgtaag ttttgagcaa 540
 caaacttttt cttcaatctg taatatgtcg aaatgggaag ggggtgttgc aaaagccaac 600
 ttaccactgt tcaaacctag gcccgtttac aacatggggg aaagggcgta tttctttact 660
 tattatcttc aacaacggtt aacatgngtg ttttccttnc tttaccctng atgtttggaa 720
 ctgncgatcc ntccctcggg tccattgttc cgggg 755

<210> 1012
 <211> 871
 <212> DNA
 <213> Homo sapiens

<400> 1012
 ggggtgttttg ctggagatca gtcaacagtt ctctgaagca gtgtcgatgg gcctatccac 60
 gtcagggtctt catttctgat attgctttta atagaaatga aattctatct gttacgcaag 120
 atggagaagg atttagaggg agatggtttg aagagaaaag aaagagttct gaaaagaaag 180
 agattttatc aaaccttcac aattcctcat cagatgtgtc ttatgtctct gatataaata 240
 gtgtgtatga aagaattcga cttgagaaac ttacctttgc acatagagct gttagtgtca 300
 gcacagatcc aagtggatgc aactttgcaa tcctgcagtc agatcctaaa acaagccttt 360
 atgaaattcc agctgtgtcc tcatcatcct tttttgaaga gtttgccaaa ctgttgaggg 420
 aagcagatta aatgtacagc attcatgatg tgacatttca agttggcaat agatctcttc 480
 cctgcacata aatatatttt ggccagtgcg ttctgatatt tttcagaaat tgtttctctc 540

agatggtaat	acttcagaat	ttacagatat	ttaccagaaa	gatgaagatt	ctgcaggggtg	600
ccatctcttt	gtggtagaga	aggttcatcc	tgacatgttt	gaataccttt	tacaattttat	660
atacacagat	acttgtgact	ttttaactca	tggttcaaa	ccaagaatac	acttaaacaa	720
aaaccagaa	gaatatcagg	gaactctgaa	ttctcatttg	aataaagtga	atttccatga	780
agatgataac	cagaagtctg	catttgaagt	ttacaaaagt	aatcaagctc	aaacagttag	840
tgagaggcag	aagagcaaac	ctaaatcttg	t			871

<210> 1013

<211> 498

<212> DNA

<213> Homo sapiens

<400> 1013

acagcactga	gctagaggac	gacgccatct	attcagtgca	cgtccctgct	ggcctttacc	60
ggatccggaa	aggggtgtct	gcctcagctg	tgcccttcac	tccctcctcc	ccgctgctgt	120
cctgctccca	ggaggggaagc	cgccacacga	gcaagctttc	ccgccacggc	agtggagccg	180
acagtgacta	tgagaacacg	caaagtgggg	acccactgct	ggggctggaa	gggaagaggt	240
ttctagagct	gggcaaagag	gaagacttcc	acccagagct	ggaaagcctg	gatggagacc	300
tagatcctgg	gcttcccagc	acagaggatg	tcatcttgaa	gacagagcag	gtcaccaaga	360
acattcagga	actgtttcgg	gcascmmaga	grwtswcatc	ttgaagacag	agcaggtcac	420
caagaacatt	caggaactgt	tgcgggcgagc	ccaggagttc	aagcatgaca	gcttcgtgcc	480
ctgctcagag	aagatcca					498

<210> 1014

<211> 575

<212> DNA

<213> Homo sapiens

<400> 1014

gaccgcgggg	tgggtggttc	tagctattgc	catggtacgt	ttttatatgg	aaaaaggaac	60
acacagaggt	ttatataaaa	gtattcagaa	gacacttaaa	tttttcaga	catttgcctt	120
gcttgagata	gttccactgtt	taattggaat	tgtacctact	tctgtgattg	tgactgggggt	180
ccaagtgagt	tcaagaatct	ttatggtgtg	gctcattact	cacagtataa	aaccaatcca	240
gaatgaagag	agtgtggtgc	tttttctggt	cgcggtggact	gtgacagaga	tcactcgcta	300
ttcctttctac	acattcagcc	ttcttgacca	cttgccatac	ttcattaaat	gggccagrtg	360
gcgatawytt	gcaktttak	wtctcywtrt	cctgtgcatg	ctkakttkst	ggkgkaacky	420
cagagaatta	maattcgtgt	ttcagcccca	cgatgccaga	atgctgttat	aggaggtata	480
actggtataa	ctaataatta	tacaagttat	gatttgtatt	ctaaaagctt	aatgatgaga	540
gaggaatcgt	attaataaat	attttgagtg	aaatc			575

<210> 1015

<211> 383

<212> DNA

<213> Homo sapiens

<400> 1015

gcaggcctca	tgggaggatt	tgatgaagat	gttaaagcga	aagtggagaa	ccttctcggg	60
atttccagcc	tggaaaaaac	ggaccctgtt	aggcaagcac	cctgcagccc	tccctgtccc	120
cttcttcccc	tccccttccc	ccgcccggtg	agacagctgt	tctcagcagg	gctctccgca	180
gggagggggc	cggctccttc	cctggcagca	acatccttgc	ccttgtcaca	caagtcagcc	240
tccatctgcg	cagctctgtg	gatgcgctgc	tggagggcaa	caggtatgtc	actggctggt	300
tcagccccta	ccaccgccag	cggaaagctca	tccaccgggt	catggttcag	cacatccagc	360
ccgcagcgct	cagcctcctg	gca				383

<210> 1016

<211> 545

<212> DNA

<213> Homo sapiens

```

<400> 1016
cagcctcctg catcatectc gtcttcatct tectgcggtg cccctcacc gactactaag      60
gcccgcagg cagggctgct ggcgagaca agcactgaga catgtttatt ctcatggtcc      120
ctgaaacgca ggatcccatg aggttggggc agggcagggc ttcttgcctt ggggccccct      180
tgagctgtga actgggcagc aaggccatca gaagctgagt acagcarggg gcagtgaact      240
tggccctcag tccacccccct ccgcctcctg gcctccrccc tgctgtgtgc tggggcctgg      300
gggcttctcc cctcgtgctg gcaccctggc ttccagcgtc tgtgtccctg ccctcacgtg      360
ccccctccca ggctcctggg gccccttgga cctgacacct agcaggaagg gcttatgcaa      420
aattgtccca ggttgggagg actcactctg tgctccccga ccctgcctcc tccacgatgt      480
gaccccgctc agagcccttg tgtctgtgaa ctttcaatga aatacccatg cagctccaaa      540
aatc                                         545

```

```

<210> 1017
<211> 530
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(530)
<223> n = A,T,C or G

```

```

<400> 1017
aattcggcac gaggtggaag gacagcatcg atgaactctc ctggagggtca ctgcaaaggg      60
tggcagaccc tgctgaggtc cctgaatctg cagcctccag acaataaact gaaccttacc      120
cagaaggctg gcacaaagcc ccagctctg tgggtaggat ccccccttca ctgccctctc      180
tctgagaaa gacagcacac ccttgggaaa agggggagga gagagactga gccacaaatc      240
ccactgctgg aaattaccta ttcagcagag aagctgggtc ttgggctgtg aatcactgca      300
ggcctcctga taagctgctg cctccagccc tgcacagctg tctgttgaga gataacagcc      360
tcataagctt ctctgcccac ctccaagcca gctggggggg ggggggtgctg ctgtgtgctg      420
gaagarctct ggtgagttgg ggggtggcata cagccccagg atctcagaag cagatctcat      480
cccattgcaac tcagcagcnc ccttggaag ggggagatgc ggnagnatgt      530

```

```

<210> 1018
<211> 610
<212> DNA
<213> Homo sapiens

```

```

<400> 1018
cagaaattcc tgttctccct gagccagcat atcaactggg tccgctgtgc caagttctcc      60
cccagcgggc ggctcatcgt gtctgccagt gatgacaaga ctgttaagct gtgggacaag      120
agcagccggg aatgtgtcca ctctgattgt gagcatggcg gctttgtcac ctatgtggac      180
ttccacccca gtgggacgtg cattgccgct gccggcatgg acaacacagt gaagggtgtg      240
gacgtgcgga ctaccggct gctgcagcat tatcagttgc acagtgcagc agtgaacggg      300
ctctctttcc acccgctcgg aaactacctg atcacagcct ycagtgactc aacctgaag      360
atcctggacc tgatggaggg ccggctgctc tacacactcc acgggcatca gggaccagcc      420
accactgttg ctttttcaag aacgggggag tattttgctt ctggaggctc tgatgaacaa      480
gtgatggttt ggaagagtaa ctttgatatt gttgatcatg gagaagtcac gaaagtgccg      540
aggccccag ccacactkgc cagctccatg ggaatctgc cagaagtgga cttccctgtc      600
ccccaggca                                     610

```

```

<210> 1019
<211> 843
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(843)

```

<223> n = A,T,C or G

<400> 1019

gcactcccag	gatcggggtca	tcggcacaaa	aggagacatt	gcccacattt	atgatattca	60
gactggcaac	aagctgttga	ctctgtttta	cccagatctt	gccaacaact	acaagaggaa	120
ctgtgccacc	tttaatccta	cagatgatct	tgtctttaa	gatggcgctc	tctgggatgt	180
ccgctctgca	caggccatcc	acaagtttga	caagttcaat	atgaacatca	gtgggtgttt	240
ccatccaaat	ggactggagg	tgatcattaa	tactgagaat	ttgggacctt	cgaacttttc	300
atcttttgca	tactgttccc	gctctggatc	agtgtcgcgt	ggtgttcaat	cacacgggaa	360
cagtgatgta	tggagctatg	ttgcaggcag	atgatgaaga	tgacttaatg	gaagagagga	420
tgaaaagccc	ctttgggtca	atccttccga	acatttaatg	caacntgact	acaaacctat	480
agcaaccatt	gatgtgaacg	gaacatyttt	gacctgtgta	cagacaccaa	agactgctat	540
cttgctgtca	ttgagaatca	aggcagcatg	gatgccctga	acatggacac	agtatgcagg	600
ctgtatgaag	tgggcaggca	gcgtctggca	gaggatgagg	atgaagagga	ggaccaggaa	660
gaggaagaac	aggaggaaga	agatgatgat	gaagatgatg	atgacmccga	tgatttagat	720
gagcttgaca	ctgaccagtt	gctggaggcg	gagttggagg	aggacgncaa	taatgagaac	780
gcaggggaag	atgggggncaa	tgaacttctc	tcccttctga	tgtaggagct	agcaaacctt	840
tct						843

<210> 1020

<211> 458

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(458)

<223> n = A,T,C or G

<400> 1020

ggggccacca	atctggccga	cctcaggctc	tgggaaacag	gctgccctcg	tccctctgcc	60
tgtgggtggc	tgaggcttct	cagcccatct	ccagttctct	gcagcaaagg	ccctctgttt	120
ctgtcctgca	gtgggggccc	tttcgtgggt	aaacatgtcc	ctccccctct	cacagaactg	180
agtacctatt	gcggctgggc	ccgcccacc	ctgtgtccct	gcacccatgg	gttctaccac	240
ctgattcggc	tcagctgtc	actgtcccgt	gtctgtctct	tgtaggcct	ctgagtgtctg	300
cagacgtatt	aacatatcac	cgctagttag	tggaaagtct	tgtttcttat	tagaatat	360
tgtgtaggca	cagggtksc	cagcacctgt	ctatagcaac	cccagtgtcc	tcacagtgca	420
cgtgagccgt	gaccgcagnc	aacgttgagt	cgcgcctg			458

<210> 1021

<211> 389

<212> DNA

<213> Homo sapiens

<400> 1021

ctctctccca	ttctgttttg	ccagatagct	gatctggcca	atgaagatac	tccacagttg	60
tatgtggcct	gtggtagggg	accccgatca	tctctgagag	tcctaagaca	tggacttgag	120
gtgtcagaaa	tggctgtttc	tgagctacct	ggtaacccca	acgctgtctg	gacagtgcgt	180
cgacacattg	aagatgagtt	tgatgcctac	atcatttgtg	ctttcgtgaa	tgccacccta	240
gtgttggtcca	ttggagaaac	tgtagaagaa	gtgactgact	ctgggttcct	ggggaccacc	300
ccgaccttgt	cctgtcctt	attaggagat	gatgccttgg	tgcaggtcta	tccagatggc	360
attcggcaca	tacgagcaga	caagagagt				389

<210> 1022

<211> 869

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(869)
 <223> n = A,T,C or G

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<400> 1022
gcacctccag agcatgaggg tctaagggga catgagtaaa gcatgtctgt gacccagtga      60
ggaagggaga ggccagctgc actcctgcac ggggttccta gctgcagaag ggtcccgctt    120
aggccgaggg gaaacacctg atagcagaag aggcctggat gcacacctgg caccgagagg    180
ctctccgccc agacacagtg ctccatgtca gcccctgcac ctgggggtgtg tgattcacgt    240
gcacagatgc cacaatcctg caccaatatc ccacagatgg gggaaggggtg agaggaaggg    300
gsaagtgatg tgtaactgct caagagatgc ttaaacctcc atagagagga gccgggcgca    360
ggggcatctg tgtgtcccgt cacacactgc agcagggaa ggtggctggc tggctccctg    420
gcatcagtgg tttggtttaa gctccagagg ktcttattgc cattgtcttt tccctcgccc    480
cttgagccag cctaaggcct ggangtctgt ttctttaagg cggatgaact gacatgctcc    540
taccaatgac caaggctctg ggcaaaggct cctcacagta tccttgagaa ggtgggcatg    600
gaagtgccaa tttctcaggt acagaaacct tcagagagga taaatagctt tgccctgtag    660
aagcaggact gaaacccttg tccgctgac tccccagct actctgcca ctgtagcccc    720
ctgccttact tgtcctggca aacctcaac atcctgtata ccttaaatat ccaagagggc    780
aagagagaaa ggcttaaaga taagtaattt ttaaggacct tataatattt ttaagaagta    840
cccaatagtg gcgtgnaatg ccaaaaaaa      869
```

<210> 1023
 <211> 706
 <212> DNA
 <213> Homo sapiens

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<400> 1023
gcaaaataca ctttcaaatt aagaatgggt ctgtgatgtc acatctagga gcacctaccc      60
atggacagac atgtcttccc atggaggagg ctttcgagct acccttggat gattgtgaag    120
tgattgaaac tgcagcagcg tccgaagtga ttaaataatga gyatcwtgtc ttatgcagay    180
tsctstagnet ascawgtgcs tgtwcttwwc ttyagrretc tgmagmtkyt tagatgggag    240
acctttaact ctgaaggaca tatgggaagg agttcatgag tgctataaga tgcgactgct    300
acagggacca tgggacacta ttacgcaaca ggaacatcca atacttgggc aacctttttt    360
tgtacttcat ccctgcaaga cgaatgaatt catgactcct gtattaaaga attctcagaa    420
aatcaataag gccaaaagag aaacattggc tactttgaca accttaaagc ggactccagg    480
aatatcacca acagcatgac ctttgcgacc aaatccagca accagaactt catcattttc    540
ctggaataaaa ataagaagtt tattttctggt gttgggtggcg atcacaaaaa tactttcatg    600
tgaggaaact cccttgcatc agataaaaaat gtgagggagg ccaccccaac aacagaaggt    660
acgatagagt tgaaatactc acctcaataa agttcaagca accgtc      706
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<210> 1024
 <211> 403
 <212> DNA
 <213> Homo sapiens

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<400> 1024
ctggcccacc ccctcctgga cccatccttc ggccccagaa ccctggggcc aaccttcagc      60
tgcaagcct cctcctcaac ccaccaccgc cgcagactgg ggtgccccca cccagggcct    120
ccctccacca cctccagcca ccaggggctc ctgcgtgct gctccgccc caccagggcc    180
tggggcagcc ccagttgggg cccccactcc tgcattccacc acctgcccag tccctggcccg    240
cacaacttcc ccctcgggct ccactgccag gtcagatgct gctgagcggg ggtccccggg    300
gcccgggtccc ccagccgggc ctgcagccca gcgtcatgga ggacgacatc ctcatggatc    360
tcattctgaat ccccaacacc caataaagtt cctttttaac acc      403
```

<210> 1025
 <211> 405
 <212> DNA
 <213> Homo sapiens

<400> 1025	ggccccgcgg	ggcagccatg	cctggccgtc	tgctgcgggg	cctgtggcag	cgatggcgcc	60
	gttacaagta	ccgcttcggt	ccctggatcg	cactgaacct	aagccacaac	ccgaggtaca	120
	gtatatcaga	agtatgagcc	gatctttttc	cagtccattg	gaaatccggt	tattttttaga	180
	tgccctggatg	gggtactcat	tgatgggaat	gacaaaagga	tatcaaaagt	tgtgtacaga	240
	tcttgcaatg	ggagggatcg	actcggccct	ttaaaaatga	gtgatagtac	atggctaacg	300
	tcagaaattc	ataaccctct	ggctgtggga	cagtatgtca	acaattgttc	caatgacaga	360
	gcagctaattg	tctgttatca	ggaatttgat	gtgcctgcag	tttcc		405

<210> 1026

<211> 582

<212> DNA

<213> Homo sapiens

<400> 1026	cttctgctgg	gactggccat	tatctcaggg	cttctgttgc	attatagccc	tgtgttctgc	60
	tggaaagtag	gaaacacttc	caggggacaa	aacatggatg	atgtcatggt	tttgggtggat	120
	tcagaagagg	aagaggagga	ggaggaggag	gaagatgctg	cagtagggga	acaggagggga	180
	gcacgtgaga	gagaggagtt	gccaaaagaa	atacctaagc	aggaccacat	tsacagagtg	240
	accgccttgg	tgaatgggaa	catagaacag	atgggaaatg	gattccagga	tctwcaagat	300
	gacagcagts	aggagcaaag	tgacattggt	caagaagaag	acaggccagt	ctgaagaaga	360
	ggatggtcca	tggttgtctt	gctctgaaag	cttggagagc	tacattgaag	acgagctctt	420
	cattcagctt	tgactccact	ctgccacctg	gcgggggctt	gcactaacia	tgtttgggtc	480
	tcagcaaaaa	acaaaaccaa	gcacacacat	ctttccttcc	atgtattgaa	aaacattgggt	540
	ttgatttgct	ctaagttttc	ccaatgatgt	ttaaaagctt	tg		582

<210> 1027

<211> 1101

<212> DNA

<213> Homo sapiens

<400> 1027	caagacaatt	ataggagatt	ttcagaagga	acagaaaaaa	tttgttgaag	agcaacatac	60
	aaagaagtca	gaagcagctg	tgcccccatg	ggttgacact	aacgatgaag	aaacaattca	120
	acaacaaatt	ttggccttat	cagctgacaa	gaggaatttc	cttcgtgacc	ctccggctgg	180
	cgtgcaattt	aatttcgact	ttgatcagat	gtaccccgctg	gccctgggtca	tgctccagga	240
	ggatgagctg	ctaagcaaga	tgagatttgc	cctcgttcct	aaacttgtga	aggaagaagt	300
	gttctggagg	aactactttt	accgcgtctc	cctgattaag	cagtcagccc	asctcacggs	360
	cctggctgcc	caacagcagg	ccgcagggaa	gggaggagaa	gagcaatggc	agagagcaag	420
	atttgccgct	gccagaggca	gtacggccca	aaacgccacc	cgttgtaatc	aaatctcagc	480
	ttaaaactca	agaggatgag	gaagaaattt	ctactagccc	aggtgtttct	gagtttgtca	540
	gtgatgcctt	cgatgcctgt	aacctaaatc	aggaagatct	aaggaaagaa	atggagcaac	600
	tagtgcttga	caaaaagcaa	gaggagacag	ccgtactgga	agaggattct	gcagattggg	660
	aaaaagaact	gcagcaggaa	cttcaagaat	atgaagtggg	gacagaatct	gaaaaacgag	720
	atgaaaactg	ggataaggaa	atagagaaaa	tgcttcaaga	ggaaaattag	ctgttcctga	780
	aatagaagaa	taatccttaa	cagtctgcaa	actgacatta	aattctagat	gttgacaatt	840
	actgaatcag	aaggcatgaa	agagtataat	tttatgaaat	tcaaaattat	tcttttttca	900
	agttgaaact	tgccctctct	actttaaaaa	agtatataga	acagttactt	ctaataatca	960
	gaaagagatg	ttttatagaa	catttcttta	atataaagtt	agagatgtct	tcataggcag	1020
	tatggctatc	tttgccacag	aaacataagt	aaaatttttag	agttctgttt	tccatgaggt	1080
	caaaaatata	atttattcct	c				1101

<210> 1028

<211> 1471

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1471)
 <223> n = A,T,C or G

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<400> 1028
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ccccctggga ggccgccttc ttcaggcgcc tcccttctct ccacgagctc gctctgacag     120
ctgaggaact ggcaagatcc tgctaccag aggggtgaat ggtatctttc ccggarrry      180
sytwmykwytr strrgagsyk magyttscma cgkcgkccga tgatysyrac crgacaccag     240
aaaagtacca ctgtaagtca tgagatgtct ggtctgaatt ggaaaccctt tgtatatggc     300
ggccttgccct ctatcgtggc tgagtttggg actttccctg tggaccttac caaaacacga     360
cttcagggttc aaggccmaag cattgatgcc cgtttcaaag agataaaata tagagggatg     420
ttccatgccc tgtttcgcat ctgtaaagag gaaggtgtat tggctctcta ttcaggaatt     480
gctcctgctg tgctaagaca agcatcatat ggcaccatta aaattgggat ttaccaaagc     540
ttgaagcgct tatttcgtag aacgtttaga agattcgaat gcaggctcaa ggaagcttgt     600
tccaaggggag catgattggg agctttatcg atatataccn aacnagaagg caccaggggt     660
ctgtggaggg gtgtggttcc cactgctcag cgtgctgcc tccgttgtag gagtagagct     720
accagtctat gatattacta agaagcattt aatattgtca ggaatgatgg gcgatacaat     780
tttaactcac ttcgtttcca gctttacatg tggtttggct ggggctctgg cctccaaccc     840
ggttgatgtg gttcgaactc gcatgatgaa ccagagggca atcgtgggac atgtggatct     900
ctataagggc actgttgatg gtattttaaa gatgtggaaa catgagggtt tttttgcact     960
ctataaagga ttttgccaa actggcttcg gcttggaccc tggaaacatca ttttttttat    1020
tacatacgag cagctaaaga ggcttcaaat ctaagaactg aattatatgt gagcccagcc    1080
ctgccagcct ttctactcct ttgccctttt cccgtgttct aatgtatttt gacaatgttg    1140
taagtgttta ccaagccgtt ggtctcctaa gggcctcctg atggaagaac agtgggggtg    1200
ttcaaagtta tttctatgtt tgtgttacca tgtaaacttt tccccgagag aaagtgttaa    1260
cattgagact ctggccccag atttggtatct tctatgaaga tggatactga tgggtgacat    1320
tgaaaacggc ctgctttcca aatgtggtta aatgtaattg gttagcccca gacttgggct    1380
agagcagaag gcataggcca ggggtggttat tgctatatgt gttacagacc tcggttctca    1440
ttaaagtatt tattggcaga atcacaaaaa a                                     1471
```

<210> 1029
 <211> 912
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(912)
 <223> n = A,T,C or G

```
<400> 1029
tatgaggnat gnnaccttca aacaagctac ttgttctttt tgcaggatcc catcgattcg      60
ccagctcata ctttccttcg ctgtccctcc cgcactcctt aggcaagatt tcccagtaaa     120
gattttctgt gcgtatttta aaagtcgtgt taatactcat gataattatt agggacctgg     180
cagcgtgatt ggagtatgga tgtttccgta aaagctggaa ttccgtaaaa gcattgacgc     240
agccccata ctccatccca accaagaaac tgcatttcct ggggccaggt gggagctgcc     300
tttgcctcac tgccctccct gttctgctct ctacgtcaac atgtggaaat ccaaggagga     360
caaagactcc agccacgctg cttaaatagg gctcctctct cctctctctc tctctaggtg     420
gtaaggttgg ggattaagtc caggtacaga agcaaaactt tttttctaag gataaacatc     480
tcttccaagg ggatggagag tgggtccctc aacaaaagtc ctgtccagtc acctttccat     540
cagggcacta gccanggaat gactcctcac actttcacct ttactgattt ccagaggaaa     600
gctagaggat ctagtccaag aggcaagaag atctggccct caattagcta aatgtagayg     660
ctgcctaaca gttccctcct caaaggccac cttggtgctg tgggggcccc ttgcctcttc     720
ccttcccact ggtgcattac aaaacagtgt tcttttgaaa tgttcatcag gaataggctt     780
ttttaaaaaa tgttgtgtat ctgtatatag tattgtgatg tctgaatgac aatgtactga     840
atgcaaaaag gaaaaaaacc cacaaacatg tttttaaaat aaaatatctt tttttgcctt     900
gaaaaaaaaa aa                                                         912
```

<210> 1030

<211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

```
<400> 1030
ggaaggggaag gcaggacatg ggccggggccc tggcccagga cggcccaaat ccaaaaacct      60
tcagcccaag atccaggaat atgaattcac tgatgacctt atcgacgtgc cacggatccc      120
caaaaatgat gcccccaaca ggttcttgggc ttcagtggag ccctactgtg ctgacatcac      180
cagcgaggag gtccgcacac ttgaggagtt actgaagccc ccagaagatg aggctgagca      240
ttacaagatc ccacccctgg ggaagcacta ctcccagcgc tgggcccagg aggacctgct      300
ggaggagcag aaggatgggg cccgggcagc ggctgtggct gacaagaaga aaggcctcat      360
ggggcactga ccgaactgga cactaaagat gtggatgccc tgctgaagaa gtctgaggcc      420
cagcatgaac agccggaaga tggatgcccc ttggtgccc tgacgcagcg cctcctgcag      480
gccctggtgg aggaaaatat tatttcccct atggaggatt ctccctattcc tgacatgtct      540
gggaaagaat caggggctga cggggcaagc acctcccctc gcaatcagaa caagcccttc      600
agtgtgccgc atactaagtc cctggagagc cgcataaagg atggagctaa ttgcccaggg      660
ccttttttga gtctgaggac cgccccgcag aggactccga ggatgagggt ccttgcttga      720
gctttcngca aacgggcaag gctnaagctg gaaggcactt tagtt              765
```

<210> 1031
 <211> 1033
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1033)
 <223> n = A,T,C or G

```
<400> 1031
cctnnnnnnn nnntttgna ctctanaata caagctactt gttctttttg caggatccca      60
tcgattcggt cagcctagca gccatgatgc cctcggaacc tggccctatg gtatggatgt      120
gaggactacg cactggctgc cctgagcccg gggctggaaa tcactctttg ctgccaaagg      180
tctggaccta ttttggagtg gagagtcacg gttaaaattc ccagcccggc ccaggtagcg      240
gaatcccagc attttgtgag gccgaggcag ggggatcacc tgaggtcagg agtctctact      300
aaaaatacaa aaattagaca ggyrygswgg tgggcgccac tcaggaggct gaggcaggag      360
aatcacttga acccgggagg cagaggttgc agtgagccag atcatgctgc tgcactccag      420
cccggccgct caccgtgtgt gttgctgggt gctggggctg tgacttatcc cctctccttt      480
agccttgcca taagtgtagt atcctatgag gctgagattg ggaaagggtt catgcaggta      540
agccagtggg cgtggccgat gcttcaggct ccttcagacc aggtccagca gtgttaccat      600
ctgcttctcc tgggaggaca aaccaggcac cccaccatg aaggggctgc aggcaccatg      660
aactatgtta acaacccag tctgtactac agaaarggct gcagccacat gagaattcag      720
tccacacaag ccccatggcc gtgttccccca cttcagccac ngrgctcagg gagccmatct      780
ggcgctaagg ggaactgctg ggggtgtggg gacacctgcc tttggcggtc tgccttgggg      840
aggtttctgg ttttgttacg ggggtggaaga ataggacctg ggggtctcgg atgcaacctg      900
cagaccccggt ggctcaccca accccagggt ctgcctccca gaccagaanc ggcatggcct      960
ggtccttctn cgagggtgcct gctctgtaaa tatcaaggga ttacaacttt aataataaag     1020
cagaacttga aaa              1033
```

<210> 1032
 <211> 517
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(517)
 <223> n = A,T,C or G

```
<400> 1032
aattcggcac gagacagctt tagaaataga taatgcgggt gtggcaaata gcctaattga      60
catgagaggc atagagacag tgctactaat caaaaataat tctgtagctc gtgcagtaat      120
gcagtcccaa aagccaccca aaaattgtag agaagctttt actgctgatg gtgatcaagt      180
ttttgcagga cgttattatt catctgaaaa tacaagacct aagttcctaa gcagagatgt      240
ggattctgaa ataagtgact tggagaatga ggttgaaaat aagacggccc agatattaaa      300
tcttcagcaa catttatctr cccttgaaaa agatattaaa cacaatgagg aacttcttaa      360
aaggtgccaa ctacattatw aagaactaaa gatgaaaata agaaaaaata tttctgaaat      420
tcgggaactt gagaacatag aagaacacca gtctgtagat attgcaactt tggaagatga      480
agctcaggaa aataaaaagg aaatgnaaat ggttgag                                     517
```

<210> 1033
 <211> 968
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(968)
 <223> n = A,T,C or G

```
<400> 1033
gagactttca attttggag caaactgagc tattcttacc agccaaagtt atactaaata      60
agagacttgg gggagcaaat gtttttcagc cttcagaaat gaaagttaag gatttttagca      120
ctaggtaaaa ttcagtataa taggctgaag tggagtaagt gaaaacctgc cttttgccac      180
tcttaaaaaa tgtgcccata atataaaagt gtggaacttt agaacttggg ataattttat      240
tgcagtcttc cattacatgg aaatagcata tctaatatct aggttacttg agagaccagc      300
taatcatctc tgttgccatc gtttaattgg caaaaagcaa ttcattgata ataaaattac      360
tgctttccat ctactgggta aaatgactat tgaaataagt atgaatgtgg tcagaggatt      420
atagttgaga gtgaagtact atgtgtgagt tatagatctc tcgaattata tttatagatg      480
cagtgtcctg cccagttttg tttgcctcct acattttact gtaaaatatt tattgtcttc      540
tagccttgag cctctgaggg tcagtaagtg aagtacagat agcaaaattt tactaccycg      600
ttaacccttt tcttaaaaata ttctctatct tnctatgtct ctytctgaca tagtaatccc      660
aaaggattgt gttactcccc gtgaaagtta ttacttttcc tttaaaaatg gttttataat      720
aagactgttt aaaacctttt cagtattggg acatcttggc ttctggccca aacccaagc      780
agaaaagaaa atggaataat ggagcattgt ttttccacat tagtattagg gcatcagatt      840
cttagtgaaa cactataatt aagtagttat aattaaataa ctgttcttca tactnaggac      900
tcttaataca tttctttaag acttgtaagt ntaattgtaa agcttggttaa ctgttttata      960
tactaaag                                     968
```

<210> 1034
 <211> 841
 <212> DNA
 <213> Homo sapiens

```
<400> 1034
ggatgaggcg ctgcagtctc tgcgctttcg acgccgcccg gggggcccagg cggctgatgc      60
gtgtgggcct cgcgctgacg ttggtggggc acgtgaacct gctgctgggg gccgtgctgc      120
atggcaccgt cctgcggcac gtggccaatc cccgcggcgc tgtcacgccg gactacaccg      180
tagccaatgt catctctgtc ggctcggggc tgctgagcgt ttccgtggga cttgtggccc      240
tcttgccgtc caggaacctt cttcgccctc cactgcactg ggtcctgctg gcactagctc      300
tggtgaacct gctcttgctc gttgcctgct ccttgggctt ccttcttgct gtgtcactca      360
ctgtggccca acggtggccg ccgccttatt gctgactgcc accccaggac tgctggatcc      420
tctggtacca ctggatgagg ggccgggaca tactgactgc ccctttgacc ccacaagaat      480
```

ctatgataca	gccttggtc	tctggatccc	ttctttgctc	atgtctgcag	gggaggctgc	540
tctatctggt	tactgctgtg	tggctgcact	cactctacgt	ggagttgggc	cctgcaggaa	600
ggacggactt	caggggcagc	tagaggaaat	gacagagctt	gaatctccta	aatgtaaaag	660
gcaggaaaa	gagcagctac	tggatcaaaa	tcaagaaatc	cgggcatcac	agagaagttg	720
ggtttaggac	aggtgctgtt	ccgagactca	gtcctaagg	gttttttttc	ccactaagca	780
agggggccctg	acctcgggat	gagataacaa	attgtaataa	agtaacttct	cttttcttct	840
a						841

<210> 1035
 <211> 662
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (662)
 <223> n = A,T,C or G

<400> 1035						
ctgtttttcc	cagcccgtaa	ctcctgtagc	tctgaatgga	aacagcagct	cacatgtcac	60
ctctgtgtga	cggactcggc	cccacccaga	cacacaggtg	tggttgtcag	cgagcacctc	120
aggagaactg	agaagctctt	tttcaccatt	ctttcccaa	atcagtcaaa	accttttaaa	180
aaccattatg	agttgtgaga	aggtttcaac	agctatgttt	tcaaagtgtg	tgtatatgat	240
ggcactgtgg	tcagttcacc	aagagcagca	ctgagatggg	tggatccagg	tgcaccttga	300
aaagttaatt	gcacaaacct	ttgctttgac	cccaaatacg	cttgctagt	cccttccctg	360
cagcttccca	gacaatcacc	agggctccatg	ggggcagggc	ykggcacagc	aatgccttgc	420
ttcctgtctg	catccataag	aggcccctcc	acaccgaggc	tgcttttaggt	tagccaacca	480
ggtgcagggg	aggccccatg	caggtgccat	tataccaaca	gtgaggcaag	aaatcagana	540
aaagagggat	tgcctttatt	gtttgaggaa	ntgaccagag	attgttgttg	gggccagtgt	600
tcattagggg	ggggagaaac	aggttgatgn	caggttcggg	gatgagggcc	cttcccaggg	660
tt						662

<210> 1036
 <211> 724
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (724)
 <223> n = A,T,C or G

<400> 1036						
ttggttncta	tacacaagct	cttgttcttt	ttgcaggatc	ccatcgattc	gaaaaagctt	60
ttagtgggaa	atcagatctt	attagccacc	agagaactca	cactggggaa	aggccctaca	120
aatgtaataa	gtgtgagaaa	agttaccgac	accgttcagc	cttcattgta	cataaaagag	180
ttcatactgg	ggagaagccc	tataagtgtg	gtgcctgtga	aaaatgcttt	ggccagaaat	240
cagaccttat	cgtgcaccag	agagtccaca	caggtgagaa	gccgtataaa	tgcctggaat	300
gtatgagaag	ttttactcgg	agtgccaaac	taattaggca	ccaggcaact	cacactcaca	360
cttttaaatg	ccttgaatat	gaaaaaagct	ttaactgtag	ctcagatctt	attgtacatc	420
agagaattca	catggaagag	aaaccacatc	agtgkctgcg	tgtgagagt	gcttcctcct	480
aggaatggac	tttgttgccc	aacagaaaat	gagaactcaa	acagaggagc	tacacttata	540
aatacactgt	atgtgataaa	agcttccacc	agagttcagc	ccttcttcaa	catcagacag	600
tacacattgg	tgaaaaaccg	tttgtctgta	atgtgagtga	aaaaggctct	gagcttagcc	660
ctccccatgc	gtcagaagcc	tcacagatgt	cttgaccagg	cgangaagct	gtaataccaa	720
tatt						724

<210> 1037
 <211> 385

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(385)
 <223> n = A,T,C or G

<400> 1037
 ctgcgaagat ggccgctgcg tcctcatcgg attccgacgc ctgcggagct gagagcaatg 60
 aggccaattc gaagtgggtg gatgcgcact acgacccaat ggccaatatc cacacctttt 120
 ctgcctgcct agcgcctggca gatttacatg gggatgggga atacaagtgt ctctctagaa 180
 gtgcctgggtg tggaagaaat gtttgctgaa tgaataataa aaacatcaac tgccacttat 240
 tcctcagtag cacttacagg ttctgtaact cattatctca cttgattttc accacatacc 300
 atgaaagtat caccattctg caagcgggaa acctgagatt cagaaagntg gtggtagggg 360
 accttgcccc tggtgggcag caagc 385

<210> 1038
 <211> 393
 <212> DNA
 <213> Homo sapiens

<400> 1038
 gcggttctct tccggctctg cgctcctggc tggggctgct gggcggtctg ggccgggtcc 60
 ccgcaccccg ctctcaagtc cgggattacc cgcaggcct gagaagcgt ttgcccccta 120
 cagcctctcg agccagccct tggctcggaa ttggagaatg gtcctcattc ttaccagat 180
 ctcacacgcc gtccccgctc ccgatcccag ggggtgacag gcgcgcacgc ctttcaaaca 240
 cgtgttaaaa tccaagacgt cgtctcaaat gccagagatt tgccgggaatg ctcttggaa 300
 gcctcaaaat cgccgcaaga acagtccact ttggaaagtg aagaatggaa tccttgggaa 360
 ggagatgaaa aaaatgagca acaacacaga ttt 393

<210> 1039
 <211> 900
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(900)
 <223> n = A,T,C or G

<400> 1039
 gagatgatgg ctgatgaaga ggaagaagtc aagccgatct tgcagaaatt gcaggaactc 60
 gtggatcagc tctactcatt tcgagactgc tatttcgaga cacatagtgt tgaggatgca 120
 tgggaggaag caacaggatg tgcggaagga gatggagaaa accctacagc agatggaaga 180
 agtagtgggt tctgtccagg gcaaggcaca agttctaatt ctaactggga aagcactaaa 240
 tgtgactcct gactatagcc ctaaggctga ggagcttctg tcaaaggctg tgaagctgga 300
 gcccgagctg gtggaagcct ggaaccagct gggtagggtg tactggaaaa aaggggatgt 360
 tgcagctgcc cacacctgct tctcaggagc cctcaccat tgcaggaaca aagtctcctt 420
 gcaaaacctg tcaatgggtc ttcgtcagct gcggactgac actgaagatg aacattctca 480
 ccatgtcatg gacagtgtcg acagctaagt tggctgttca gatggatgtc catgatggcc 540
 gctcctggta tattcttggg aattcatatc tttcccttta cttctctact ggccagaacc 600
 ctaagatctc ccagcaagcc ctcatgtcct atgcccaagc agagaaagt tgaagaaaag 660
 cgtctagcaa tcctgacctt catctgaaca gggcgacgtt gcataaatat gaagagagtt 720
 atggggaggg cctgggaggn tttctctcgg gctgcagctg nggacctgc ctgggcccaga 780
 gccccggcaa cgagagcaac aacttctggg attcctggga tagattaacc agcctccttg 840
 agagtaaggg gaaaggtgaa gacaaaaaag ctgcagagct gntggggaag tttgcgcena 900

<210> 1040

<211> 379
 <212> DNA
 <213> Homo sapiens

<400> 1040
 ccagtcagcg ggggtggtctc ctgggtcccc agcctcgcca ttctgtgggg ggtggtgact 60
 gggcgaactc tcagatgcct cagcaccctc ccacccttc ctcaggcaga acgagatctt 120
 gtggcgggag gtggtgacac ttcggcagag ccacggcggg gccgagcaat gcaggaggca 180
 agagaaagct gtccctgatg ctggatgagg ggagctcatg cccaacacct gccaaagtca 240
 acacctgccc tctacctggt gcccttctgc aggaccctta cttcatccag tcgccctcac 300
 agggccaggg gcccacatcat ctctgacatc ccagaagact ctccatcccc tgaggggacc 360
 aggctttctc cctccagtg 379

<210> 1041
 <211> 389
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(389)
 <223> n = A,T,C or G

<400> 1041
 ccagtcagcg ggggtggtctc ctgggtcccc agcctcgcca ttctgtgggg ggtggtgact 60
 gggcgaactc tcagatgcct cagcaccctc ccacccttc ctcaggcaga acgagatctt 120
 gtggcgggag gtggtgacac ttcggcagag ccacggcggg gccgagcaat gcaggaggca 180
 agagaaagct gtccctgatg ctggatgagg ggagctcatg cccaacacct gccaaagtca 240
 acacctgccc tctacctggt gcccttctgc aggaccctta cttcatccag tcgccctcac 300
 agggccaggg gcccacatcat ctctgacatc ccagaagact ctccatcccc tgaggggacc 360
 aggctttctc cctncagtga tggcaggaa 389

<210> 1042
 <211> 1220
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1220)
 <223> n = A,T,C or G

<400> 1042
 gtgggacgcg ccgagccgga ggctgcagga tgatgcggtt catgctatta ttcagccggc 60
 agggaaaact gcggctgcaa aaatggtacc tggccacttc ggacaaggaa cggagaaga 120
 tgggtgcgca gctcatgcag gttgtcctgg ctcgaaagcc caagatgtgc agcttcctgg 180
 agtggaggga yctcaaagtt gtctataaga gatatgccag cctctacttc tgctgcgcca 240
 tcgagggcca agacaatgag ctcatcacac tggagctgat ccaccgatac gtggagctct 300
 tagacaaata ctttggcagt gtgtgcgagc tggacatcat cttcaacttt gagaaggcct 360
 acttcacctt ggatgagttt ttgatggggg gggatgtcca ggacacctcc aagaagagtg 420
 tgctgaaasc atcgagcagg ctgacctact gcaagaggag gatgagtcgc cacggagttg 480
 ctggaggaga tgggtttggc atagccctgc tggccggggg gtggcgatgg ggtcctggca 540
 gcgtggcggg aacggctgct tctcctctgc ccagggccct gttcttgggt ggactcggct 600
 gccctcctc tgctgcctca cctttcggag tgagctgtgg gctcaggccc ttcaaactt 660
 ccctccctcc accccctacc tccactttcc ccttttccca ctgaaggttt tagaagctag 720
 gaggcaggaa aatgtgacct agatgggggt gctatttggc ttttattccc tgcccttgca 780
 gaactgatgt caccycagat gtccttccct ccctaataac tgtaaataata taaatatgtc 840
 aggttaaagg gaaaagggtg tcagggcact tctgtccctc tctgtcccat aacctanctc 900
 cacctccacc ctccccctag ccagccangc agcttctctg cctgggaggg gagcctggac 960

ccccctcttt	ctccttggct	gcagtggggc	ctttatccag	tgccagggag	gaacaacata	1020
gttaattttt	ttctaactt	gccactttga	gggaaggaag	ggttggggga	agggcaagct	1080
ttatgggacc	ctggctctgc	cctggccttt	cactccagtt	ctgggtgagg	caggagctgg	1140
gaggggtgnn	gangsgggag	ggggaagtgt	ctgcctttat	gtccttttct	ctgaaataaa	1200
aggaaaagca	tttctggaaa					1220

<210> 1043
 <211> 410
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(410)
 <223> n = A,T,C or G

<400> 1043						
gtctttccct	ctctcctgtg	tttgcctctc	tgtcctgccc	ctgcgcaccc	ctccctgtgc	60
ccaccctgtt	tctgtcgcct	gcggtctctg	ggggtgctcc	attctcccgc	cttcccttct	120
cctgcacctg	gtcctgcctg	ctttctcgct	gtctgcccc	ggaggtaggt	acacgacctg	180
tttttgtctc	ccatcactag	acgaggggag	ggggctgccc	tggcgccctg	gcgccctggc	240
ctcctgcccc	caggaggagg	gggctggggg	ctcaggtccc	tgggctggga	ctgacagact	300
cagaaaatgt	ggagcccca	gctgggggtg	gacgattctg	gacccaaca	tgcttggcct	360
gcttgtctgt	ctccccaacg	caacggcttt	gtctaagccc	caagancccc		410

<210> 1044
 <211> 591
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(591)
 <223> n = A,T,C or G

<400> 1044						
atcagaagag	gtcagttaaa	tattcaccca	ggccctgggg	gctctcttac	agctgttctg	60
gcagatattg	aagtaatatg	gtctcatgcg	atacaaaaat	acttggaat	cccactgaaa	120
gattttaaagt	attatagatg	tatcttggtt	attcctgata	tctataataa	gcagcatgtg	180
aaagaactag	tgaatatgat	actaatgaag	atgggttttt	cagggattgt	gggccatcag	240
gagctctgtg	gtgccaccta	tgggaagtgg	ttaagcagca	cgtgtattgt	agacgttggg	300
gaccagaaga	caagtgtatg	ctgtgtggag	gatggggtgt	ctcatcgga	tactcggctt	360
tgtctggcat	acggaggatc	tgatgtgtca	agatgttttt	actggcta	gcagcgagcn	420
tgggttccct	tacagagaat	gccagttaac	aaataaaatg	gattgtcttc	ttctgcaaca	480
ccttaaagaa	actttttgtc	atttagatca	aggacatctc	tgggcttcag	gaccatgagt	540
ttcagattcc	gacatcctga	ttctcctgcc	ctgctttacc	agtttccgaa	a	591

<210> 1045
 <211> 400
 <212> DNA
 <213> Homo sapiens

<400> 1045						
attcaagacg	caagagagcc	tggtgtgtga	agcgttggca	gtagttcagc	ctggctagag	60
agtacaaggg	gagaggggat	gtactgggaa	tggtaaacag	aggccagata	ataaagggyc	120
tycttctct	gtctcaarga	taggaacctc	ctccyctgaa	tgtattaata	agtagtgaac	180
ccccctwttt	twagtagagg	gccagcgatg	tccatccgta	ttggccgttt	ccagaaagtt	240
tgcttaggc	tgtgatgtgg	aaaatggatt	tggggagagc	aaaactaaag	tcaggaaact	300
gctaagataa	tccaattcag	tggattcagt	aatatattaa	tattgcattc	aaatattcag	360

tgagtatctt ctgtatgcca gacacttttc taggccttgg

400

<210> 1046

<211> 645

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(645)

<223> n = A,T,C or G

<400> 1046

gaaaaaaaaa	nttttgaaac	ccctttggna	cncnttaata	caagctactt	ggtctttttg	60
caggatccca	tcgattcgca	acaaatcatc	ctggagctag	cattgcactc	tcgagaccct	120
ctcttaataa	ggacttcggg	gatcacgctg	agcagcagca	tattgcagcc	caacagaagg	180
cagctttgca	gcatgctcat	gcacattcat	ctggatactt	catcactcaa	gactctgcat	240
ttgggaacct	tattcttcct	gttttacctc	gccttgaccc	agaatgaaga	aaacatttgc	300
gatggaaaag	tgactttgta	atatcaaatg	ccaaagctac	tatcattcag	tgctacatga	360
actgtgactt	taagaatttt	ggtgaacttt	gatatttttt	gtttgtctga	aagaaaggaa	420
tgtgtaagt	aaagctgaaa	gaagaataac	caggatgatg	agagctgtgg	aagctgtatc	480
gtccaaggaa	ttgattatgt	accgtgactg	taactttttt	gtaatgctgt	ttaactctca	540
atcagactgt	gaactggatg	gtcacggaag	tcattcccca	actcctagca	agtttgactg	600
gaatatatnc	atgtccacag	taganttttc	aaggaattca	tttga		645

<210> 1047

<211> 418

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(418)

<223> n = A,T,C or G

<400> 1047

gggggacggg	tcgggacacc	agtgaaactt	gaaccgggaa	gtgggaggac	gtagagcaga	60
gaagagaaca	tttttaaaag	gaagggatta	aagagggtgg	gaaatctatg	gtttttattt	120
taaaaaagaa	aaaggaaaaa	aaaaaagtca	ntancaaaaa	ncccagctca	anaaccnttt	180
ntacnccaaa	ctggaangga	naananagca	ccaggaanat	tccanaancg	gggggccccca	240
gtttttgaaa	aactttatga	actttttcaa	nattattttc	ntatggcanc	aagtgatacg	300
gaaaactgct	gtcagggacn	cctgatntgg	aaatcaaata	natttttant	taattganca	360
taanatttag	ggattttttc	anantctgaa	aggggtcaaca	gccctccana	atgtcggc	418

<210> 1048

<211> 820

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(820)

<223> n = A,T,C or G

<400> 1048

tctagaatac	aagctacttg	ttcttttttg	aggatcccat	cgattcgcac	atttcaagt	60
cttaacagcc	tcatgtggct	agtgactgct	gtattggacg	gtacagatat	ggaacatttt	120
catcatcgaa	gaaagtccta	ttggacaaca	cttctataaa	aagtttgaga	gcaggaattc	180
tcatttccat	tcgtctgtag	cttctatccc	caaaggcaaa	gaaactaaaa	gagaaatgac	240

tcattgaaga	ttggcctctt	tcctttctct	aagacaaacc	taagtaaaag	cctgagcttt	300
gagtcctatg	ctcagcacac	gggaaggaga	tgtaataat	taaaataaag	ttgatatcct	360
gtcttttagg	agttcccttg	atctcttgaa	agagacacag	ccccatttac	attatttcgt	420
ggatttcacc	agcataagta	tarktttttt	ctgtaagtcc	ctcattctta	tgtaataaca	480
ggtggaactg	aggtttgaag	aacctcagtg	gcccaccttg	atgacattgg	agactcaaag	540
agacaagaga	gagtaggggt	taaaacctga	gctttaagac	tcccactagc	ttcgtgtcct	600
ttggcatggt	aacgtgcctc	agtttcctca	tctgtataat	ggggatatat	gaaaggcacc	660
agtcttaagg	tgaacattaa	gtgagatgat	tctagttaca	gacttaggaa	caatttccag	720
cacatagttt	aatatccggg	ggattctggg	tactgttatg	tgtgggggtg	gctgacctgg	780
gatgttggn	gtttttcctc	tcttcttngc	tggaacctc			820

<210> 1049

<211> 600

<212> DNA

<213> Homo sapiens

<400> 1049

gaccacctga	ttgcctcctc	gtgctagacc	ttgaaccaga	ggcactccgc	taagctttct	60
gaccacaga	aactatgaga	tcataaatgg	attgttttaa	gccactaaag	atttgaagta	120
atttgtcatg	cagcataggt	aactaataca	gtagtgtact	tatttgccaa	agtaataatt	180
tttaaaggaa	tacagcaaaa	tataagactc	catcataatc	tggcatgcaa	tamwaaattc	240
gcgrcyrgwc	gamtgaagaa	gcaggaaaa	gtcacctata	accaggggaa	aaatcagtca	300
atagatgcag	acctagaacg	gatagaaatg	ataggattag	catgcagcaa	tgtaaataatg	360
atctctgctt	aaagtatgtg	aagggaagca	tgcmcagatg	aagaragaar	tgaaagatat	420
gaaaaagaat	agaggaggcc	aggtatgggt	actcacgcct	gtaatcccag	cactttggga	480
ggccgaggca	ggtggatcac	ctgaggtcag	gagttcgaga	ccagcctggc	cagcatgcga	540
acgccatctc	tactaaaact	acaaaaaaat	tggccaggca	cggtgggtgtg	tgctgtagt	600

<210> 1050

<211> 694

<212> DNA

<213> Homo sapiens

<400> 1050

agaaatatag	taaacataaa	tttgcaacaa	ttttaagct	ccagttttta	ggtgactcaa	60
agaaagtc	tatgcctatt	aatagttatt	tgatgccatc	acaaaagtc	tatgtgaaaa	120
tctcctaaag	tcaaaacccc	tgcttttggt	tttacagacg	gttattacca	ttgggtggag	180
ctgcaaggct	aaattttctc	taagttcccc	tatttagagg	aaaagtcact	ggttattgta	240
ataaaccacc	catggttctt	tatgtacatt	ttgataacac	attattatag	cttsatttta	300
attttttgca	ttaatttttg	aaatccacat	acatctcatt	tgtttaaatt	aaggccatgc	360
acaaatattt	tttttagttc	agtgctgacc	attaaaaact	atcatgcttg	atacgggtgca	420
aaagttaaaa	tgagtatcac	taaaaatgcc	ttctttttat	gtgggtgcaat	atgaaataca	480
ccaagactgt	gtcttgacat	tctgatggac	ccaggtaaag	ttgttaaaag	aacgaataaa	540
actttattaa	aataatttag	acacctgtgt	accagcaaca	attgatttaa	tagacctata	600
gtgtctatac	tatcccttag	aataaagggt	tatgattttc	ctgatactaa	gatgcagtca	660
cataatcttt	tgtgcatatt	cctatacaaa	ttat			694

<210> 1051

<211> 672

<212> DNA

<213> Homo sapiens

<400> 1051

gaaaaatgag	taggagatga	ctgagagctt	aaagtttggg	agtgtcaatt	aactcagcat	60
tcttttaaaa	aacgtgtcat	atattacagc	attttctttt	atttgaagtg	agtaaagtga	120
tctttttaaa	ttccttagta	attttttagc	actccatag	tataaagcat	gtgaatat	180
ggtagcattt	tacaaatkct	cagagatttk	tgagarttcc	tgagatcttc	ataggggsc	240
cacaaagttt	agtattactt	ttcacggtaa	ttactaaagt	gtattttgcc	tctttttact	300
ttttctctta	atagcataca	gtggtaactg	aaggctaata	gtatgtgtgk	ttatgtgctt	360

taaaaagttc	gtggtyttgg	ccaggcgag	tggctcagac	ctgtaatccc	agcacttttg	420
gaggctgagg	caggtggatc	acctgaggtc	aggagttcaa	gaccaaaacc	agcctggcca	480
acatggtgaa	accccatctc	tactaaaaat	acaaaaatta	gccaggcatg	gtagtgggtg	540
cctgtagtct	cagctactcg	agatgctgag	gcaggagaat	cacttgaagc	tggtgagggtg	600
aggttgagct	gagccaaaat	ctcgccatta	cactccagcc	tgggggacaa	gagcaagact	660
cctctcaaaa	aa					672

<210> 1052
 <211> 396
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(396)
 <223> n = A,T,C or G

<400> 1052						
gcgaggaaga	aatggaggat	gagcaagaaa	gcgaggccga	agaagacaac	caagaagaag	60
gggaatccga	ggcggaggga	gaaactgagg	cagaaagtga	atttgaccca	gaaatagaaa	120
tggaagcaga	gagagtggcc	aagaggaagt	gtccggacca	tgggcttgat	ttgagtacct	180
attgccagga	agataggcag	ctcatctgtg	tcctgtgtcc	agtcattggg	gtcaccagg	240
gccaccaact	ctccacccta	gacgaagcct	ttgaagaatt	aagaagcaaa	gactcagggtg	300
gactgaaggc	cgctatgatc	gaattggtgg	aaaggttgaa	gttcaagagc	tcagacccta	360
nagtaactcg	ggaccaaatg	aagatgttta	tacagg			396

<210> 1053
 <211> 782
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(782)
 <223> n = A,T,C or G

<400> 1053						
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ggtgacatgc	tgtattggct	actccataaa	gtaggagtat	agatggaatg	gagaaagaag	120
caacctctga	gattccagtg	gkyrygrgg	gcaagatctg	atggaaactg	amaaagagaa	180
cgaagactam	acaaagagaa	aggaaaagaga	agaaacccta	aatgggcaaa	ggaaagcaca	240
tcctgtttgc	ggagctttga	aatattggaa	ccattttctaa	ttgctcctgt	ttttctgggt	300
aacaccagtt	ttctgtagtt	gccactaaag	cagtagactc	ttgagtctca	cttgtctctg	360
agagagacag	aagttagaaa	gttttgactt	ggcgattccg	aaagtatgcc	tttgttgcca	420
cttaaagtgc	cagtgagact	tcttggcacc	ttagagccct	ctgagatact	grttatttta	480
ggttcttctc	cctactttca	gatgttttca	gcccacact	gggtgctctc	ttccactaca	540
gagaatcctg	aagaaaagg	aagggtgttc	ccatgatggt	gaatgtcact	gccatgaatt	600
cctgaatcta	cctgctgctg	ggagtcagag	tccaagcata	acccgtgtag	cataaaagca	660
gcgctgtagc	cctattccag	tctttttcgt	taatgtccag	agtgaacaac	aagagttagt	720
caatcattaa	ctgttgactg	ttgattctca	taataaatgc	agcataacga	caaaaaaaaa	780
aa						782

<210> 1054
 <211> 688
 <212> DNA
 <213> Homo sapiens

<400> 1054						
aattcggcac	gaggtggaat	cagctgtgaa	tgacagaaaga	ggaggtgctg	atcggattga	60

attatgttct	ggtttatcag	aggggggaac	tacaccagc	atgggtgtcc	ttcaagtagt	120
gaagcagagt	gttcagatcc	cagtttttgt	gatgattcgg	ccacggggag	gtgatttttt	180
gtattcagat	cgtgaaattg	aggtgatgaa	ggctgacatt	cgtcttgcca	agctttatgg	240
tgctgaatgg	tttggttttt	ggggcattga	ctgaagatgg	acacattgac	aaagagctgt	300
gtatgtccct	tatggctatt	tgccgccctc	tgccagtcac	tttccaccga	gcctttgaca	360
tggttcatga	tccaatggca	gctctggaga	ccctcttaac	cttgggattt	gaacgcgtgt	420
tgaccagtgg	atgtgacagt	tcagcattag	aagggctacc	cctaataaag	cgactcattg	480
agcaggcaaa	aggcaggatt	gtggtaatgc	cagggaggtg	gtataacaga	cagaaatcta	540
caaaggrtcc	ttgagggttc	aggtgctaca	gaattccact	tgttctgctc	ggtctactag	600
gagactcsgg	gaattgaagt	ttycgaaatt	catcttgttt	gccmtgggga	gccycacttt	660
tctttgctyc	aggaatwttc	cccttatt				688

<210> 1055

<211> 457

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(457)

<223> n = A,T,C or G

<400> 1055

gagagacttc	ttcctgcatc	cttacatggt	ggaagacaaa	agagtggcag	agaatgaata	60
tactcccagt	ccattcgaga	gggaagagcc	ctcacctcat	cacttccctg	aggcctcacc	120
ttctaatact	atcaccttgg	tgataagatt	tcaacatagg	aattagaggg	gaatacatac	180
atccagacta	ttgcagatgg	gattatgtaa	tactttgttc	ctgtttggct	tatttcttag	240
cacaatatct	ttctgggatg	tgcatgtttc	tgcaaattggc	aagattttct	tcctttttaa	300
ggctgagtaa	taattcattg	catgtataga	ccacattttc	tttatgcatt	cattattagt	360
gagagttctt	attacaaatg	ggcgaagtgg	tttttaatat	tgatttaatt	tttgttatta	420
aaaacgtttt	tngagtgggt	nggttccttt	tttngga			457

<210> 1056

<211> 664

<212> DNA

<213> Homo sapiens

<400> 1056

tttagtaata	agacttttcag	tattttttaat	gttgacattt	ccagatgttt	catttagtat	60
ccaggggtct	gtctggagac	ttctagagag	ggacagctca	gaagtgaagc	ccttgagctc	120
tggtgctgta	agcttgtgca	attaagttga	acagagcctg	ggaatttctt	tcctctgcac	180
agtccttga	tatttggaa	ccaggttctg	cccccaaccc	ctaccacccc	agtggctctg	240
taagatgtct	cagatggggc	tgggcttgg	ggctcatgcc	tgtactctca	acactttggg	300
aagcaaaggc	aggcagatca	caaggctcag	agttcagcct	aaccaacatg	gtgaaaccgt	360
gtctctacta	aaaatacaaa	aattagccag	gcgtgggtgg	gcacacctgt	aatcccagca	420
ctttgggagg	ccgaggcaga	cgggtcactt	gaggccagga	gttcgagacc	agcctgggca	480
atactggcgg	actccgtctc	tactacaaat	acaaaagtta	gcctggcatg	gtggcgcatg	540
cctgtaatct	cagttactca	ggaggctgag	gcaggagcat	cacttcaacc	caggaggcag	600
aagctgcagt	cagccgaggt	ggcaccactg	cacttcagcc	tgggcaagac	tggagactgc	660
ctca						664

<210> 1057

<211> 443

<212> DNA

<213> Homo sapiens

<400> 1057

gtaccttcaa	aaggacacaa	tgtaacaggg	ttagggaaac	agaagtccgc	agggcctccc	60
taatgtcttt	ggagcttaaa	ccccttgat	atttgccct	tttcaataaa	cgccccacgc	120

tgatagcaca	gaggagcccc	gcatgcactg	tatgggaaag	cagtccacct	tgttacagtt	180
ttaaattttct	tgctatctta	gcattcagat	accaatggct	tgctaaaaga	aaaaaagaaa	240
tgtaatgtct	ttttattctc	aggccaatcg	ctcacacttt	gttttcagaa	tcattgkttt	300
atatattatt	gttttttcag	tttttttttt	tttttttggt	ccagaaaagat	tttttgtttt	360
gttaacttaa	aaatgggcag	aaagtattca	agaaaaacaa	tgtgaactgc	tttagctttc	420
tggggatttt	taaggatagc	ttt				443

<210> 1058
 <211> 607
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(607)
 <223> n = A,T,C or G

<400> 1058						
gagctatggc	ggctttggct	cgcaggatcc	tcagtaaacc	tattgaagta	caagttggag	60
gcaggagtgt	ggtttgctca	gatgtggagc	aacaagtgat	tgtgattgaa	gaagaaaaga	120
aattcttgaa	gttacttgag	cttctaggcc	attatcaaga	gtcaggatct	gtcattatat	180
ttgtggataa	gcaggaacat	gctgatggtc	ttcttaagga	tttaatgaga	gcattctatc	240
cttgcattgtc	tcttcattgga	ggcattgatc	aatatgacag	agatagcatc	ataaatgact	300
ttaagaatgg	gacctgcaaa	cttcttggtg	ctacctctgt	tgctgcccga	ggcttagatg	360
tgaacatct	gattcttgta	gtaaattata	gctkscccaa	ccattatgag	gattatgtac	420
acagagcagg	gcggactgga	agagcaggaa	acaagggtta	tgcttatact	tttatcacag	480
aggatcaagc	tcgctatgct	ggtgacataa	ttaargctct	tgaattgtca	gggrctgcag	540
tacctcctga	tttagagaaa	ctgtggngtg	atttcaaagt	tccagcagaa	agcttagggg	600
gaaataa						607

<210> 1059
 <211> 1139
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1139)
 <223> n = A,T,C or G

<400> 1059						
gtgaatcatt	acctagcatt	tcagtttttt	gcagaagaat	attatccctt	ctcagaggtc	60
ctggcctatt	tcactttctg	cctgtggata	attccgtttg	cgttttttgt	gtcactttcg	120
gccggggaga	acgtcctgcc	ctctaccatg	cagccaggag	atgatgtcgt	ctccaattat	180
ttcaccaaag	gcaagcgggg	caaacgctta	gggatcctgg	ttgtyttctc	cttcatcaaa	240
gaggccattc	taccagtcg	tcagaagata	tactgacccc	catgcaggca	ggatgtgggg	300
ggcaagatca	ggagagtcag	gccccctggc	ctctatgcc	ggtggggacc	agaagtcggg	360
aaggcaccta	ccacctgccc	tggctttttt	ccccctcaact	ctggagcccc	atccccaccc	420
tccctggggg	gctcagcttg	gctcagatct	gatgcttcaa	gaggctgtaa	cctcagaggg	480
caccaaggag	gggtggcagag	cctgyttagc	caggaggccg	aggtccctca	gtcctccct	540
gtcccttcca	aggtgggtca	ggaggttctg	gccccgctgg	ggcaggcagg	gcagggctctg	600
tnaagcttaa	gagcagatgg	tgacaagttc	tctgggcagg	tggccatggg	gagggggccat	660
ggcttggcat	gtccaacaga	aatagttttt	nctgttgaac	ggtgatttct	gtccaagtgc	720
agatttccgt	ttgaataaag	cttcgcttct	aggtggcact	gtttgcctta	ataccctgac	780
agttcatctt	cctttcttcc	tgctaacctt	ctgctctgga	ctggactcac	ttttctgctc	840
cagggactcc	ttttctgggt	ttgggtcttg	cccttcccaa	gggactgttc	ttgtggccct	900
taatgggaag	ggggcagggg	tgaggagctg	agcctgctca	aggagtggga	agtggggcta	960
taggcagcct	ctctgatgca	ctctcttcca	tctctttccc	caaggctccg	tgactgtcaa	1020
actgggagta	ggagagggga	caatttagga	ctgggctaga	ttttcagaag	aacatctaca	1080

atatacctatt tataaatctt cctctgggaa aaggagtggt ttctggctga atactatct 1139

<210> 1060

<211> 419

<212> DNA

<213> Homo sapiens

<400> 1060

attccagata	aagggagtag	ccagtgtaaa	ggtcttaagt	taggaacaag	cttgggtatat	60
taaagaataa	gcaaggaagc	cagtgtgggt	gaggagagag	caacagaaga	tgaggtcgag	120
taagtaatat	tggtgccttg	taggctctaa	ttaggaattg	ggcggctgga	agtgggtggt	180
caggcctgta	atcccagcac	ttctgggagg	ccgaggtggg	cggwtcacga	ggtcaagagt	240
tcgagaccag	cctgaccaac	atagtgaaac	gccatctcta	ctaaaaatac	aaaaattaac	300
tgggcatagt	ggtgcgtgcc	tgtaatccca	gctacttggg	aggctggggc	aggagaatcg	360
cttgaaccca	ggaggcagat	gctgcagtga	gccgagawta	caccactgca	ttccagcct	419

<210> 1061

<211> 745

<212> DNA

<213> Homo sapiens

<400> 1061

gagagaggcg	ggactgggtc	aagtgggtgg	agctcctcct	tgcattgactg	caactgtcgg	60
ggctttccgc	cggctcacag	cagttggggc	cagcggggag	aagagaggcg	gaactgctgt	120
gtcctcatgt	ggcgcagcct	caaamtggca	tycargcact	gggcccgtgc	agagaaggca	180
cctgcagaga	gcagggcagc	ccgkcgagc	ggcatgcgcc	tagawycca	gctactcgra	240
aggccaaggc	aggaggaccg	cttgagtcca	gggattcaag	gccaacctgg	gcaatagagc	300
gagaccctgt	ctcttaaaaa	acgatgatga	tgaacacaga	ggacggggca	ctgtgctggg	360
agccaggggg	cctgggagga	gccsagacca	gccttttacc	tcgggggttt	gagkccaaca	420
gggacgacag	agacagtttc	tagtttagagc	cttggctcca	tttttgatg	atthagcccc	480
gagttcctga	gtctatttta	ygccccttac	gtactttgat	agaactaagg	aaatagtggg	540
tttragtga	gggaaaggaa	acccagaaac	attttacgtt	gcttttactt	ctgtagtgtg	600
gattgccccg	gcccctctct	gagccctgta	gcattctgtg	tagcttctgt	cccttcacgc	660
gttcatgtca	cagggatttt	ctttcccagg	aagcggacac	ggagagtcag	ccctaataaa	720
tgagcacatg	ccctggctgt	aaaaa				745

<210> 1062

<211> 409

<212> DNA

<213> Homo sapiens

<400> 1062

aattcggcac	gagcttacat	gaacaaggta	gagctggagt	ctcgcttggg	agggctgacc	60
gacgagatca	acttctcat	gtaagcttca	tccacatcct	tcttgatgag	gacaaattcg	120
ttctccatct	ctgtacgctt	attgatctca	tcttcatact	tgctcttgaa	gtcctccacc	180
agcccctgca	tggtgccaag	ctccgcctcc	agcttcagct	tctcctggcc	cagagtctcc	240
agctgccgcc	taagggtgtt	gatgtagctc	tcgaacatgt	tgtccatgtt	gcttcgagcc	300
gtcttctgct	gctgcaggag	gctccacttg	gtctccagca	tcttggtctg	ctgctccagg	360
aaccgtacct	tgtctatgaa	ggaggcaaac	ttgttggtga	gggtcttga		409

<210> 1063

<211> 576

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (576)

<223> n = A,T,C or G

```

<400> 1063
aattcggcac gaggcgaggg cctggacgta gtgtcttcaa cagttgtaac agcagctgcc      60
atttgctgaa tgacagcatg tgtcacacac tctgctgagt attacaggca tttttttcta      120
atacaaatgc cccaagtgcc aggagagctt tcggcgggcg tcagacctca ccacgcacca      180
gcaagatcac ctaggcaagc ggccataccg ctgtgacatc tgtggcaaga gcttcagcca      240
gagtgccacg ctagctgtgc atcacccggac ccacctggag ccagcaccct acatctgctg      300
tgagtgtggg aagagcttca gcaacagctc cagctttggc gtgcatcacc gcacccacac      360
aggtgagaga ccttatgagt gcactgagtg tggcgggacc ttcagcgata tctccaactt      420
tgagacacac cagcggaccc acagagggga gaagccctac cggtgactg tgtgtgggaa      480
acacttctcc cggagctcga atctcatccg ccacnaagaa aactcacttg ggcgaacagg      540
ctgnгааага ttccagctga aggagagccc cattttt                               576

```

```

<210> 1064
<211> 610
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(610)
<223> n = A,T,C or G

```

```

<400> 1064
aattcggcac gaggaactat ctagtagctg gttccctccg aagtttccct caggatagct      60
gggacagcag ctgctgctgt ggaaaggcca gctggcaaga tgatggaaga aatctccatt      120
atggtagcct atgacgcccc tgtwkwacgm maggmtrcas grwgargamw tscymaswag      180
wctgrtggcc atcagcargc ctgcarkwyt awrgtaccas ccaagaagct gaagaaatat      240
gagaaagaat atccagacaa tgcgagagag tcagctgcaa caggaagacc caatggatag      300
atacaagttt gtatatttgt aggtaaactcc agctgttgca tttatactgg gaatcttcat      360
aagaagctga gagaaagaga ggggaaaaag aaagtggcct tctactttca aaaatgaaac      420
aaaaaggaaa aatggcaaaag tactgtttta gctgtgcatg tcatatccac aaagactttt      480
agcaggtgaa ctgttccaag actgacacaa ggatgtttca aacttgccctc tgtctgtaga      540
aaatgttaaa aataccaact cacttggaag gaaaaataaa aatcacaaag gtatattgag      600
cacaaaaaan                               610

```

```

<210> 1065
<211> 837
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(837)
<223> n = A,T,C or G

```

```

<400> 1065
aaaaaattca tactggagag aaaccctatg agaaccctaa ccctaacgct tcagttgtcc      60
cagttctttc atgagcatga aaggagtcac atagagaaac cccatgaaag taagaaattt      120
gggaaagcct tcagtccttt ctgtttcttt caactacgtg aaaggattca cagtggagaa      180
agaccctgta agataattgg ctttaaatta cgagagactt gtgataggac agtaaaacct      240
agagttggag ttggatctct ggatttgtgt atgtcagtgt tggtaggtta ggaactagat      300
ttcccagaat ccattccatt tgtgattcca tgatacaatt caccagtaac ctatcttaca      360
tgagattcgg aagtaagtta aagaaggcat tagtcatggk ttggaagcac catacaggga      420
gacagctgtg tgaatacagg ctgtatggac acttgcttcc atcccatttt cctgcttctt      480
tgggttgcca atcaagagta tcctcaaaac gacttgactt taattttctc ggaggtgata      540
ggcttccaca caggtctcca gaagccctgc attgaatatc catccacact ttggttttcc      600
ttcagacatt attatgtctg tactaggcaa ctaattcaga ctgtcctggg kgggaatatt      660
ctgtgatgct ctgactccc tagtctgtag acggaattgg catacggctc aatttgtgta      720
gtaagcacct ttgttcatac tagtagtgac tgtattctyg aktcagcctg atagctacca      780

```

tgctgcctgt caaaanccaa ccaagagggg agccttggtg ccttcctgct ggaagtc 837

<210> 1066

<211> 850

<212> DNA

<213> Homo sapiens

<400> 1066

gcaagaccca	ccaggtgcc	gctgcccctg	ccccttgccc	atgccctgtg	tgtgggcggc	60
ccctggccaa	ccagggctcc	ctgcggaacc	atatgaggct	ccatacagga	gaaaagcctt	120
tcctgtgccc	gcactgtggc	cgggcgtttc	gtcagcgggg	caacctgcgt	gggcatttgc	180
ggctccacac	cgagggagcg	tccttaccgc	tgcccacact	gtgccgatgc	cttccccag	240
ctgectgaac	tgcggcgcca	tctcatctca	cacaccgggg	aggcccactt	gtgcccgggtg	300
tgtggcaagg	ccctccgaga	cccacacacg	ctccgagctc	acgagcgcct	gcactccgga	360
ragaggccct	ttccctgtcc	ccartgtggc	cgtgcttaca	cgctggccac	caagctgcgg	420
cgccacctca	aatctcactt	ggaggacaag	ccctaccgct	gccccacctg	tggcatgggc	480
tacaccctcc	cgcagagcct	caggcggcat	cagctcagtc	accggcctga	ggcaccctgc	540
agcccaccct	ctgtgccttc	tgtgtcttct	gagcccactg	tgggtgctcct	gcaggctgag	600
ccacaactgc	tggacacaca	cagagaggag	gaagtctccc	ccgccaggga	tgttggttag	660
gtcaccattt	cagaaagcca	ggagaagtgc	tttgtggtgc	cagaggagcc	agatgccgcc	720
cccagcctgg	tgctaatacca	taaggacatg	ggcctcggcg	cctgggcaga	ggtggtggag	780
gtggagatgg	gcacctgaca	gctttgcctt	ttgctgacac	agctccataa	agactcgtgc	840
tttctcaaaa						850

<210> 1067

<211> 546

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(546)

<223> n = A,T,C or G

<400> 1067

gcaggctctt	atactatctt	gcacaggctg	gtctcgaact	cctgggctca	agcagtcac	60
ctgcctcagc	cttccaaagc	tcagggatwr	cagacrtgag	ccacagcacc	aggccaacaa	120
tattttcttaa	agctcctgga	gtgattccaa	tatgcagcca	aggttgaaaa	cyacccttta	180
aaaggctcgg	catccagtgt	ggaagaccag	cacwccac	tcmggagacc	ttaccyggag	240
ccaggmtgcc	cctgatcatc	tctgataact	ttaaaaggaa	ggcctcagaa	gcagccccag	300
aagcaaaaag	ttctctctga	ccttctcctg	ccctcttgty	tctggctttt	cattctcccc	360
caaggctacc	cataggaaac	taggaatccc	tcttccccaa	gggcagggtca	ttcaggaaac	420
caggaaccgg	tttttacc	aagccaggcc	ataaaaacct	aaaattagtt	cctnttcatt	480
cccctttccc	ttttttgtgt	taaaaattgg	kttgggaaag	gaatggtttt	gaacntacct	540
gttttt						546

<210> 1068

<211> 432

<212> DNA

<213> Homo sapiens

<400> 1068

atcattttaga	ggcagaagtt	aagttctgca	aggaggaact	ctctggaatg	aaaaataaaa	60
tacaagtagt	tgtgcttgaa	aacgaagggc	tccagcaaca	gctaaaatct	caaagacaag	120
aggagacact	gagggaaaca	acacttctgg	atgcatccgg	aaacatgcac	aattcttgga	180
ttacaacagg	tgaagattct	ggggtggg	aaacctccaa	aagaccattt	tcccatgaca	240
atgcagattt	tggcaaagct	gcattctgctg	gtgagcagct	agaactggag	aagctaaaac	300
ttacttatga	ggaaaagtgt	gaaattgagg	aatcccaatt	gaagtttttg	aggaacgact	360
tagctgaata	tcagagaact	tgtgaagatc	ttaaagagca	actaaagcat	aaagaatttc	420

ttctggctgc ta

432

<210> 1069

<211> 681

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(681)

<223> n = A,T,C or G

<400> 1069

ttgaanccct	tnnnnntttg	aaacccttta	atacaagcta	cttgttcttt	ttgcaggatc	60
ccatcgattc	gaattcggca	cgaggaacta	tctagtagct	ggttccctcc	gaagtttccc	120
tcaggatagc	tgggacagca	gctgctgctg	tggaaaggcc	agctggcaag	atgatggaag	180
aaatctccat	tatggtagcc	tatgacgccc	atgtwkwag	mmaggmtrca	sgrwgargam	240
wtscymaswa	gwctgrtggc	catcagcarg	cctgcarkwy	tawrgtacca	accaagaagc	300
tgaagaaata	tgagaaagaa	tatccagaca	atgcgagaga	gtcagctgca	acaggaagac	360
ccaatggata	gatacaagtt	tgtatatattg	taggtaactc	cagctgttgc	atttatactg	420
ggaatcttca	taagaagctg	agagaaagag	aggggaaaaa	gaaagtggct	ttctactttc	480
aaaaatgaaa	caaaaaggaa	aaatggcaaa	gtactgtttt	agctgtgcat	gtcatatcca	540
caaagacttt	tagcaggtga	actgttccaa	gactgacaca	aggatgtttc	aaacttgccct	600
ctgtctgtag	aaaatgttaa	aaataccaac	tcacttggaa	ggaaaaataa	aaatcacaaa	660
ggtatatattg	gcacaaaaaa	n				681

<210> 1070

<211> 414

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(414)

<223> n = A,T,C or G

<400> 1070

agctgcagaa	gctgcacagt	gagatcaagt	ttgccctaaa	ggtcgacagc	ccggacgtga	60
agaggtgcct	gaatgcccta	aaggagctgg	gaaccctgca	ggtgacctct	cagatcctcc	120
agaagaacac	agacgtgggt	gccaccttga	agaagattcg	ccgttataaaa	gcgaacaagg	180
acgtaattga	gaaggcagca	gaagtctatn	cccggctcnc	nngagagcnn	nncagacaac	240
tgtggggaac	gctgnctgt	ntgnanttgg	tcccttgggt	tttttttntc	gcctaattta	300
tgttattncc	aaccaacatg	anctgactat	aancgggttt	ttaatnaaaa	aaaaananaa	360
aaacnncnnc	cctttttnatn	tttntgnngg	ngnnttcngt	ccccgcnntn	taaa	414

<210> 1071

<211> 423

<212> DNA

<213> Homo sapiens

<400> 1071

aattcggcac	gagacgacgc	agtggccctg	aagtctgcag	acattgggat	cgccatgggg	60
cagacagggg	cggacgtcag	caaagaggcc	gccaatatga	tcctgggtgga	tgatgacttc	120
tcagccatca	tgaatgcagt	ggaggaaggc	aagggtattt	tttacaacat	caaaaacttt	180
gtccgattcc	agctgagcac	gagcatctcc	gccctgagtc	tcatcactct	gtccaccgtg	240
ttcaacctgc	ccagccccct	caacgccatg	cagatcctat	ggatcaacat	catcatggat	300
gggccaccgg	cgcagagctt	gggggtagag	cccgttgaca	aagacgcctt	caggcagcca	360
ccacggagtg	tgcgggacac	catcctcagc	agagccctca	tcctgaagat	cctcatgtcc	420
ccg						423

<210> 1072
 <211> 1586
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1586)
 <223> n = A,T,C or G

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<400> 1072
ccgctgctca caccttttcta ctgaagcatc ctgatgacga aatgatgaag aggaacatgg      60
catattataa gagcctgcct ggtgccgagg actacattaa agacctggaa accaagtcac      120
atgaaaagcct gttcatccga gcagtgcggg catacaacgg tgagaactgg agaacatcca      180
tcacagacat ggagctggcc cttcccgaact tcttcaaagc cttttacgag tgtctcgag      240
cctgcrrggg ttccagggag atcaaggact tcaaggattt ctacctttcc atagcagatc      300
attatgtaga agttctggaa tgcaaaatac agtgtgaaga gaacctcacc ccagttatag      360
gaggctatcc ggktgagaaa tttgtggcta ccatgtatca ttacttgag tttgcctatt      420
ataagttgaa cgacctgaag aatgcagccc cctgtgcagt cagctatctg ctctttgatc      480
agaatgacaa ggtcatgcag cagaacctgg tgtattacca gtaccacagg gacacktggg      540
gcctctcrga tgagcacttc cagcccagac ctgaagcagt tcagttcttt aatgtgacca      600
cactccagaa ggagctgtat gactttgcta aggaaaatat aatggatgat gatgagggag      660
aagttgtgga atatgtggat gacctcttgg aactggagga gaccagctag cccacagcaa      720
ccaaagagac ttctcttgg cgttcaggaa acacagattc tttgtccttt tcccaacagc      780
ccaggctgtt gatacctcag agccttctct ttactctcca aagtgaagg gaagcccccg      840
tctctctaac tgcatgtcat caggggtgag cctgcctttc ctatcttcac acctgccacc      900
tcatgttcac acctatcttt ctacaccttt ttttgagatg gagtctcgct ctcttgccca      960
ggctggagtg caatggcacg ttctcagctc actgcaacct ccgcctcttg ggttcaagca     1020
attctgctgc atcagcctcc cgagtacctg ggattacagg catgtgccac cagccccggc     1080
taattttgta tttttagtag agacgggggt ttgccatgtt ggccaggctg gtctcgaact     1140
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ccaccatgcc cggcctcttt ctacacctta cacctgtctt cttatcctca catctgtttt     1260
cacaccttca tccctgtctt cctcatgttc acacttgtct tccccatgtt catagctgcc     1320
tttcttacca ttttggtttg aagggcagtc ttctctggct tgtttttttg tttttccag     1380
aaaatcagta ttatttttta aataagaaaa acattcctag aagatgataa ttgtgaaaac     1440
ctcctttggc ttatttgctt ttccaggatt ttaagtctcc tttctcccca atccgggaaa     1500
agatgggttg aagacataag gctaaaattt tctccaggcc ttcacaatgg gtcctttcac     1560
tttgggtctg gactttgtaa ccaatn                                     1586
```

<210> 1073
 <211> 643
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(643)
 <223> n = A,T,C or G

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<400> 1073
aattcggcac gaggccacag ccgggtcacg tggccgggtt ccccccata cttgctggct      60
gcggggcagt caggtgacg ttcggtccga cctgccgagt ggccaggcta cctcagtcac      120
ctgtgtggtc cnantgctng catcggacct gggacccatg cgcaagagtt accgcgggga      180
ccgagaggca tttgaggaga ctcatctgac ctcccttgac ccagtgaaac agtttgctgc      240
ctggtttgag gaggtgttc agtgtcctga cataggggaa gccaatgcca tgtgtctggc      300
tacctgcacc aragatggaa aacctctctg tcgcatgttg ctgctgaagg gcttcgggaa      360
agatggcctm cgcttcttca ctaacttcga gagtcgaaaa ggaaaagagc tggactctaa      420
tccctttgct tcccttgtct tctactggga gccacttaac cgtcagtgcg gtgtggaagg      480
cctgtgaaga aactgcctga ggaggaggct gaagttgcta ctttccactt ccccgcccc      540
```

aagaagcaag	ccaaganttg	ggggcttggt	ggttcaagcc	aaccagaagt	ttctggtgaa	600
ttccctggat	tcggggaagt	atctgaagaa	aagaaaaaat	ggh		643

<210> 1074
 <211> 675
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(675)
 <223> n = A,T,C or G

<400> 1074						
gcggccggcg	gggtgctggg	ttcccgtctg	ctgcctctcg	gagagtcccg	ggtgactgcc	60
gcaggctcca	tcgccctgtg	gcctgcaggt	attgcgagat	ttatagggag	gacgctggga	120
cccccaaaag	ctgggaaatg	ggactattgg	cattcaggga	tgtggctcta	gaattctctc	180
cagaggagtg	ggaatgcctg	gacccagctc	agcggagttt	gtatagggat	gtgatgttag	240
agaactacag	aaacctgatc	tcccttggtg	aggatagctt	caatatgcaa	ttcctatttc	300
acagtcttgc	tatgtctaar	ccagaactga	tcattctgtc	ggaggcaagg	raagagccct	360
gggaacgtga	acacagagaa	gacagccaaa	cactcagagt	ctcagctctg	tcacccaggg	420
ttgggaatgc	aatgggtgcg	atcttcggct	tcactggcaa	actggcgctc	cgggtttcag	480
ggtcattttc	cctgncctca	gcctcctgag	gtagcttgag	gattacagtt	ttgtcttctt	540
atctttactt	gaaggacatt	ttgccagag	cagggggcct	tncaagtttt	tcattttccc	600
aaaaagttga	tgctttaggn	agggttttng	aaagngtttg	ttcttttang	gaattacggc	660
tttaggggga	ttact					675

<210> 1075
 <211> 348
 <212> DNA
 <213> Homo sapiens

<400> 1075						
gccgcggggc	cgggcgggctg	caatatggcg	gaggcggaag	gggaaagcct	ggagtccctgg	60
ctcaataaaag	ccaccaatcc	ttccaaccgc	caggaggact	gggaatacat	aattggcttc	120
tgtgatcaga	tcaacaagga	gctggaagg	tgagtctcag	cactgtgggg	gcagctgaga	180
gggagcggac	tgggaagggg	aacaaccatg	gccaggagg	gccagccagg	tagccccagg	240
cttagtgac	tggagtgtgt	tctgcttgtc	ccccaggcca	cagatcgccg	tccgactgct	300
ggcccacaag	atccagtccc	cacaggaatg	ggaggcgctc	cacgcctt		348

<210> 1076
 <211> 403
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(403)
 <223> n = A,T,C or G

<400> 1076						
gttttgttta	tttctgcaag	atttgtaaaa	caaaactttg	ggtattttgtt	tccatttcag	60
gagatctggg	agtgaacttca	tgtattttctt	taacagtctt	tgatcgtcac	ctttcaattt	120
agactctaga	gacagggaga	ttgatgattt	ctcagcaaa	aagcttgtat	ttgagttgaa	180
agttgaaaat	gaaggcaagg	tcttcattta	aactttaaaa	tttctacaca	tttctttcaa	240
gtattaaatt	tttcttttgc	agttattcta	cctatggaaa	tccaggcagc	caaggctatg	300
gacaagcatc	acaaagctat	tctggctatg	ggcaaacgac	tgattcctct	tatggacaga	360
actacagcgg	ntactccagt	tatggacaaa	gttattcaca	gtc		403

<210> 1077
 <211> 421
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(421)
 <223> n = A,T,C or G

<400> 1077
 catggctgtc cactccttgc ctgtccccac agctcttctt gcagactctt ttttcccagag 60
 gatcctgtta agattgtccg ggcccaaggg cagtacatgt acgatgaaca gggggcagaa 120
 tacatcgatt gcatcagcaa tgtggcgcac gttgggcact gccaccctct cgtgggtccaa 180
 gcagcacatg agcagaacca ggtgctcaac accaacagcc ggtacctgca tgacaacatc 240
 gtggactatg cgcagaggct gtcagagacc ctgccggagc agctctgtgt gttctatttc 300
 ctgaattctg ggtcagaagc caatgacctg gccctgaggc tggctcgcca ctacacggga 360
 caccaggacg tgggtggtatt agatcatgcg tatacgggca cctgactncc tgattgacat 420
 a 421

<210> 1078
 <211> 3529
 <212> DNA
 <213> Homo sapiens

<400> 1078
 aagaattcct attggaggtg ttaaactctac aagcaagaca tatgttataa gtcgaactga 60
 accagcgtat gcaactacaa aagcaattga tgactcttcc gcgtctatct ctctggccca 120
 gcttacaagg actgccaatc tggctgaagc caatgcttct gaagaagata aaattaaagc 180
 aatgatgtcg caatctggcc atgaatacga cccaatcaat krcaygarga aacctctagg 240
 tccaccacct ccactctaca cgtgtttccg ttgtggtaaa cctggacatt atattaagaa 300
 ttgcccacaa aatggggata aaaactttga atctggctct aggattaaaa agagcactgg 360
 aattcccaga agttttcatg atggaagtga aagatcctaa tatgaaaggt gcaatgctta 420
 ccaacactgg aaaatatgca ataccaacta tagatgcaga agcatatgca attgggaaga 480
 aagagaaacc tcccttctta ccagaggagc catcttcttc ctgagaagaa gatgatccta 540
 tcccagatga attgttgtgt ctcatctgca aggatattat gactgatgct gttgtgattc 600
 cctgctgtgg aaacagttac tgtgatgaat gtataagaac agcactcctg gaatcagatg 660
 agcacacatg tccgacgtgt catcaaaatg atgtttctcc tgatgcttta attgccaata 720
 aattttttacg acaggctgta aataacttca aaaatgaaac tggctataca aaaagactac 780
 gaaaacagtt acctctcca ccacccccaa taccacctcc gagaccactg attcagagga 840
 acctacaacc tctgatgaga tctccgatat caagacaaca agatcctctt atgattccag 900
 tgacatcttc atcaactcac ccagctccgt ctatatcttc attaacttct aatcagtctt 960
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